

**Pavonia Compressor Station
Characterization Report**

Weller Township, Richland County, Ohio

**May 29, 2001
Revised July 31, 2001**

Prepared for:

COLUMBIA GAS TRANSMISSION CORPORATION

Prepared By:

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
ENVIRONMENTAL STANDARDS, INC.**

2.0 ENVIRONMENTAL SETTING

2.1 PHYSICAL SETTING

The site occupies a level to sloping 21-acre area. A portion of the site (approximately 13.3 acres) is surrounded with a 6-foot high chain-link fence (Figure 1-2). The operations portion of the facility occupies an area of approximately 8 acres within the fenced area. The majority of the site is grass-covered where buildings are not present. A small portion of the site has been paved with asphalt to provide access drives and parking areas, and some areas are covered with gravel.

Topographic relief in this area is moderately steep. Stream base levels are about 1,000 to 1,010 feet above mean sea level (msl) in the site vicinity, while hill top elevations are up to 1,350 feet above msl. The facility is located on a level to sloping area. The elevation of the project site (based on the USGS topographic map, Figure 1-1) ranges from approximately 1,000 on the southeast side to 1,060 feet above msl on the northwest side. A portion of the eastern side of the site is located in the floodplain of the Black Fork Mohican River.

Surface water drainage at the site is to the east towards the Black Fork Mohican River.

2.2 CLIMATE

The site is located in Richland County, which is characterized by a humid, modified continental climate with warm summers and moderately cold winters. Temperature and rainfall data was collected from the National Oceanic and Atmospheric (NOAA) data center at the Mansfield, Ohio weather service office, which is located 6 miles northwest of the site. The mean annual normal (1961-1990) temperature is 49.5° Fahrenheit, (Owenby and Ezell, 1992). The mean normal (1961 - 1990) temperature for January, the coldest month, is 24.5° Fahrenheit and the mean normal temperature for July, the warmest month, is 72.1° Fahrenheit.

The annual normal (1961-1990) precipitation at Mansfield is 39.66 inches (Owenby and Ezell, 1992). Precipitation is evenly distributed throughout the year with the maximum precipitation occurring in March through September, with October through April being somewhat dryer. Average annual recharge data was not available for this area.

2.3 SURFACE WATER HYDROLOGY

The Pavonia Compressor Station is located to the west of and partially within the floodplain of the Black Fork Mohican River, which is located 500 feet to the east of the site. The facility is located on a flat to sloping area, with elevations increasing to the northwest and decreasing to the east toward the river. Based on the observed topography, surface water runoff from the site is generally to the southeast, toward the river (Figure 1-2). The Pavonia, Ohio USGS Topographic Quadrangle indicates that the eastern portion of the property, on either side of the flood control dike, is subject to inundation (Figure 1-1). The Black Fork Mohican River flows southward through Charles Mill Lake approximately 4 miles south of the site and joins the Muskingum River near Coshocton, Ohio. The Muskingum River flows southeast into the Ohio River at Marietta, Ohio. The Muskingum River watershed basin drains most of Richland County.

A pond is located on the northeast side of the site, which was formed in a former river channel of the Black Fork Mohican River when a flood control dike was constructed by the U.S. Army Corps of Engineers. Surface water in the operations area of the site are collected by a series of roof drains, catch basins and yard drains, which drain into the pond located on the northeast side of the site or into the main catch basin located on the east side of the site. A valve on the north side of the pond permits overflow to the abandoned river channel of the Black Fork Mohican River. The main catch basin also drains to the abandoned river channel.

The daily mean flow rate for water years 1938 through 1991 for the Black Fork Mohican River measured below Charles Mill Dam is 325 cubic feet per second. This station is located six miles southeast and downstream of the site near Mifflin, Ohio.

Potable water at the site is provided by Water Well #2, which is located northwest of the Area Office Building (Figure 1-2). Potable water in the area is provided by private wells, which obtain water from wells set primarily in shale and sandstone bedrock. There is no public water system for Weller Township (Jack Wells, Richland County Water Department, personal communication).

2.4 GEOLOGY AND SOILS

The site is located in the Glaciated Plateau Section of the Appalachian Plateaus Physiographic Province (ODNR, 1982). The glacial deposits in this area consist of Wisconsin-age moraine, kames and eskers, and recent alluvium (Goldthwaite and Pavey, 1993). The moraines, kames and eskers form high, steep hummocks or long, sinuous ridges composed of bedded sand and gravel, from 10 to 200 feet thick. The alluvium consists of poorly sorted, poorly bedded silt and sand, generally less than 25 feet thick, deposited valleys and depression. The alluvium may overly thicker glacial sand and gravel outwash deposits in the larger river valleys.

The Richland County Soil Survey describes soils in the vicinity of the site as the Alexandria silt loam, the Sloan silty clay loam, the Cardington silt loam, and cut and fill land (Figure 2-1). The Sloan silty clay loam is located on the northeast corner of the site, adjacent to the pond, and in the floodplain of the Black Fork Mohican River. It consists of dark, nearly level, very poorly drained soils that formed in sediment deposited by flowing streams in relatively recent times. Permeability is moderately slow, and there is a flooding hazard. The water table is very high (within 6 inches of the surface) during wetter times of the year.

The Alexandria silt loam (12 to 18 percent slope) is located on the northeast side of the site near the pond, and on the west-central part of the site. It consists of gently sloping to very steep, well-drained soils which formed in glacial till on the sides of valleys and minor drainageways, and is moderately eroded. Permeability is moderately slow.

The Cardington Silt loam (2 to 6 percent slopes) is located on the southwest side of the site along Cotter Road and on the northwest side of the site. This consists of gently sloping to

sloping, moderately well drained soils that formed in glacial till. Permeability is moderately slow, and the water table is high in winter and spring.

Cut and fill land is located on the central operations portion of the site. This consists of areas where natural soils have been altered by cutting or filling (Redmond et al, 1975).

Based on visual observations made during completion of the site characterization, surface soils consist of loose sandy gravel or clayey silt fill or clayey silt. Borings were completed to a maximum depth of 20 feet. Subsurface soils consisted of clayey silt fill, sand, clay, silty sand, silty clay, or clayey silt.

Bedrock was not encountered in the drilling program. According to the Drift Thickness Map of Richland County, Ohio (Vormelker, 1984) and Bedrock Topography of the Pavonia, Ohio Quadrangle, (Vorbau and Swinford, 1995), the depth to bedrock is approximately 50 to 100 feet. Bedrock underlying the site is mapped as the Mississippian-age Logan Formation (Swinford, 1995), which consists of thin to thick bedded brown sandstone, siltstone, and minor amounts of shale ranging in thickness from 1 to 400 feet (Swinford et al, 1998). This is underlain by the Cuyahoga Formation, which is thin to thick bedded gray to brown shale interbedded with minor sandstone and siltstone 50 to 650 feet thick (Swinford et al, 1998).

2.5 HYDROGEOLOGY AND GROUNDWATER QUALITY

The major groundwater supplies in Richland County are obtained from a network of sand and gravel-filled ancestral buried valleys. Yields of greater than 1,000 gallons per minute (gpm) are obtained in these systems (Schmidt, 1979) (Figure 2-2). The site is located in an area where the primary aquifer is the bedrock underlying the unconsolidated glacial till. Groundwater supplies developed in the sandstone and shale formations of the Cuyahoga Group yield between 5 to more than 20 gallons per minute (gpm) (Schmidt, 1979). Most wells are drilled to depths ranging from 50 to 275 feet. Industrial and municipal supply wells with yields of more than 250 gpm have been reported for properly constructed large diameter wells

4.3.1 Background Sampling Results

Five soil borings (SB052 through SB055 and SB061) were completed to a total depth of 6 feet bgs. Samples were collected from a depth of 0 to 1 and 2 to 6 feet bgs. Samples from borings SB052 through SB055 were analyzed for Table 1 constituents. Samples from boring SB061 were analyzed for Table 1 metals (minus mercury).

No VOCs or PCBs were detected in any of the samples. Polycyclic Aromatic Hydrocarbons (PAHs) were detected below CALs in one sample (SB052-40001). Potential sources of the PAHs are storm runoff from the adjacent paved driveway or Conrail railroad tracks. Up to 7 metals were detected in all the borings in the 0 to 1 foot bgs and 2 to 6 feet bgs sample intervals. The concentrations were generally below the CALs (Appendix H).

Sample PAV-SB055-40001 was collected as a background sample. However, because lead was detected at a concentration of 463 mg/kg, the sample is not considered representative of background. Therefore, the sample is evaluated as a site sample. The sample was analyzed for Table 1 constituents. VOCs, SVOCs, and PCBs were not detected in the sample. Table 1 metals, with the exception of lead, were detected below CALs and/or Background.

Arsenic was detected in all of the samples at concentrations ranging from 6.4 mg/kg to 24.7(J-) mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg. As provided for in the CWP, the higher of the maximum detected concentration of a constituent in background and two times the average background concentration is used to establish the background concentration at the site (Appendix H). The calculated site background concentrations are as follows:

Arsenic – 35.5 mg/kg
Barium – 238 mg/kg
Beryllium – 3.6 mg/kg
Cadmium – 1.3 mg/kg
Chromium – 76.4 mg/kg
Lead – 108 mg/kg
Nickel – 59.3 mg/kg

Benzo(b)fluoranthene – 0.48 mg/kg
Benzo(k)fluoranthene – 0.48 mg/kg

4.3.2 Random PCB Samples

Twenty-six random PCB samples (SS056 through SS080 and SS084) were collected on an approximate 100-foot grid to a total depth of 0.5 foot, and analyzed for PCBs.

PCBs were detected in five samples at concentrations below the CAL. PCBs were not detected in any other samples.

4.3.3 PRA #1 800-Gallon Former Used Oil AT

One soil boring (SB014) was completed to a total depth of 6 feet bgs in the area of the 800-Gallon Former Used Oil AT on the southeast side of the site. Samples were collected from a depth of 0 to 1 foot, 2 to 4 feet, and 4 to 6 feet bgs and analyzed for Table 1 constituents.

VOCs, PAHs, and PCBs were not detected in any of the samples. Up to six Table 1 metals were detected below the CALs and/or Background. Arsenic was detected in all of the samples at concentrations ranging from 10.2(J-) mg/kg to 21.5(J-) mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.4 PRA #2 1,260-Gallon Glycol AT

One soil boring (SB015) was completed to a total depth of 1 foot bgs in the area of the 1,260-Gallon Glycol AT on the southeast side of the site. A sample was collected from a depth of 0 to 1 foot bgs and analyzed for arsenic.

Arsenic was detected in the sample at a concentration of 15.2(J-) mg/kg. This concentration is above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.5 PRA #3 7,000-Gallon Glycol AT

One soil boring (SB016) was completed to a total depth of 6 feet bgs in the area of the 7,000-Gallon Glycol AT on the southeast side of the site. Samples were collected from depths of 0 to 1 foot and 4 to 6 feet bgs and analyzed for arsenic.

Arsenic was detected in both of the samples at concentrations ranging from 8.9(J-) mg/kg to 12.6(J-) mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.6 PRA #4 4,000-Gallon Glycol AT

One soil boring (SB017) was completed to a total depth of 6 feet bgs in the area of the 4,000-Gallon Glycol AT on the southeast side of the site. Samples were collected from depths of 0 to 1 foot, 2 to 4 feet, and 4 to 6 feet bgs and analyzed for arsenic.

Arsenic was detected in all of the samples at concentrations ranging from 12.2(J-) mg/kg to 12.8(J-) mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.7 PRA #5 5,000-Gallon Former Pipeline Liquids AT

Two soil borings (SU003 and SU004) were completed to a total depth of 6 feet bgs in the area of the 5,000-Gallon Former Pipeline Liquids AT on the southeast side of the site. Samples were collected from a depth of 5 to 6 feet bgs. Two groundwater samples were also collected from these borings. The samples were analyzed for BTEX and PCBs.

BTEX and PCBs were not detected in any of the samples. Eight PAHs were detected in sample PAV-SU008-70001 (11 to 12 feet bgs) at concentrations below the CALs. Benzo(a)anthracene (4.2(J) mg/kg), and benzo(b)fluoranthene (4.8(J) mg/kg), and benzo(a)pyrene (2.6(J) mg/kg), were detected in this boring at concentrations which exceeded the CALs for these compounds of 0.87 mg/kg, 0.87 mg/kg, and 0.087 mg/kg, respectively. PAHs were not detected in any of the other samples.

4.3.11 PRA #9 Former Burn Pit

Two surface soil samples (SS085 and SS086) were collected from a depth of 0 to 1 foot in the drainage swale downgradient of the Former Burn Pit on the northwest corner of the site. The samples were analyzed for Table 1 constituents.

BTEX and PAHs were not detected in the samples. PCBs were detected in both samples and exceeded the CAL in sample SS086 at a concentration of 5.3 mg/kg. The CAL for PCBs is 1 mg/kg. Up to four metals were detected in the samples at concentrations which were below the CALs, except for the following: arsenic was detected in both samples at concentrations of 7.6(J) mg/kg and 29.6(J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.12 PRA #10 Former Disposal Area

Seven soil borings (SU013 through SU016 and SB022 through SB024) were completed to a maximum total depth of 10 feet bgs in the Former Disposal Area on the north-central part of the site. Samples were collected from depths of 0 to 2 feet, 2 to 4 feet, 4 to 6 feet, and 9 to 10 feet bgs. Three surface soil samples (SS087 through SS089) were collected from a depth of 0 to 1 feet in the floodplain sediments at the base of the fill. The samples were analyzed for Table 1 constituents.

VOCs and PAHs were not detected in any of the samples. PCBs were detected in two of the samples at concentrations which did not exceed the CAL. Up to seven metals were detected

in all of the samples. None of the metals exceeded the CALs except for the following: Arsenic was detected in all of the samples at concentrations ranging from 8.9(J) mg/kg to 23.1(J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H). Lead was detected in surface soil sample SS087 at a concentration of 505(J) mg/kg. This concentration exceeds the CAL for lead of 400 mg/kg and the calculated background concentration of 108 mg/kg (Appendix H).

4.3.13 PRA #11 Septic System Drainfield

Two soil borings (SU001 and SU002) were completed to a total depth of 6 feet bgs in the area of the Septic System Drainfield on the southeast side of the site. Samples were collected from a depth of 4 to 6 feet bgs. The samples were analyzed for BTEX and PCBs.

PCBs were not detected in any of the samples. Xylene was detected in one sample at a concentration below the CAL.

4.3.14 PRA #12 Former Cooling Pond

Five soil borings (SB025 through SB029) were completed to a total depth of 16 feet bgs in the area of the Former Cooling Pond. Samples were collected from depths of 0 to 2 feet, 2 to 4 feet, 4 to 6 feet, 9 to 11 feet, and 14 to 16 feet bgs. Five groundwater samples were also collected from these borings. The samples were analyzed for Table 1 constituents.

Soil: VOCs and PCBs were not detected in the samples. Eight PAH compounds were detected in SB029 at the 2 to 4 foot interval. Three of these compounds were detected at concentrations which exceeded the CALs as follows: benzo(a)anthracene (0.90 mg/kg), benzo(b)fluoranthene (1.0 mg/kg), and benzo(a)pyrene (0.68 mg/kg). The respective CALs for these compounds are 0.87 mg/kg, 0.87 mg/kg, and 0.087 mg/kg. PAHs were not detected in any of the other samples. Up to seven metals were detected in all of the samples at concentrations below the CALs, except for the following: arsenic was detected at concentrations ranging from 6.4 mg/kg to 58.7 mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg, but do not exceed the

calculated background concentration for arsenic of 35.5 mg/kg (Appendix H) except in two samples as follows: 58.7 mg/kg was detected in boring SB025 in the 2 to 4 foot interval and 36.3 mg/kg was detected in SB029 in the 0 to 1 foot interval.

Groundwater: VOCs, PAHs, and PCBs were not detected. Up to six Table 1 metals were detected in all of the samples at concentrations which did not exceed the CALs except for the following: total cadmium was detected in SB025 at 12.0 ug/L, in SB026 at 11.0 ug/L and in SB027 at 18.0 ug/L. The CAL for total cadmium in groundwater is 5 ug/L. Total lead was detected in SB025 at 120 ug/L, in SB026 at 35.0 ug/L, in SB027 at 34.0 ug/L, and in SB028 at 26.0 ug/L. The CAL for total lead in groundwater is 15 ug/L.

4.3.15 PRA #13 Former Skimmer Basin Burn Pit

Eleven soil borings (SB001 through SB010; SB062) were completed to a total depth of 11 feet bgs in the Former Skimmer Basin Burn Pit on the southeast side of the site. Samples were collected from depths of 0 to 1 foot, 1.5 to 3.5 feet, 4 to 6 feet, and 9 to 11 feet. A groundwater sample was collected from one of the borings (SB001). The samples were analyzed for Table 1 constituents, except that PCBs were not analyzed for borings SB006 through SB010 and SB062.

Soil: Acetone was detected at concentrations below the CAL. Up to 11 PAHs were detected in 10 of the borings. The concentrations were below the CALs, except for two of the borings. Boring SB001 contained the following PAHs at a depth of 0 to 1 feet: benzo(a)anthracene (2.8 mg/kg), benzo(b)fluoranthene (4.2 mg/kg), benzo(a)pyrene (2.7 mg/kg), and indeno(1,2,3-c,d)pyrene (1.7 mg/kg). The CALs for these compounds are 0.87 mg/kg, 0.87 mg/kg, 0.087 mg/kg, and 0.87 mg/kg, respectively. Benzo(a)pyrene (0.50(J) mg/kg) was also detected in boring SB005 at a concentration which exceeded the CAL at the 0 to 1-foot depth. The CAL for benzo(a)pyrene is 0.087 mg/kg.

PCBs were detected at concentrations below the CAL of 1 mg/kg in three borings. PCBs were detected in boring SB003 at the 4 to 6 foot interval at a concentration of 1.1(J) mg/kg.

Up to 11 metals were detected in all of the borings at concentrations which did not exceed the CAL, with the following exceptions. Chromium was detected at a concentration of 249(J-) mg/kg in boring SB005 in the 0 to 1-foot interval. This concentration exceeds the CAL for chromium of 230 mg/kg and the calculated background concentration of 76.4 mg/kg (Appendix H). Arsenic was detected in all of the borings at concentrations ranging from 5.3 mg/kg to 20.5 (J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H).

Groundwater: Toluene and phenanthrene were detected SB001 at concentrations which did not exceed the CALs. Seven total metals were detected at concentrations which did not exceed the CALs except as follows. Total cadmium was detected at 75.0 ug/L. Total lead was detected at 100 ug/L, and total arsenic was detected at 61.0 µg/L. The CALs for these constituents are 5 ug/L, 15.0 ug/L, and 50 ug/L respectively.

4.3.16 PRA #14 Pond

Eight sediment samples (SD003 through SD010) were collected to a depth of 1 foot into the sediment in the Pond located on the east side of the site. Two surface water samples (SW001 and SW002) were also collected. The samples were analyzed for Table 1 constituents.

Soil: VOCs and PAHs were not detected in any of the samples. PCBs were detected in all of the samples, and exceeded the CAL in three of the samples as follows: PCBs were detected in SD005 at 1.1(J) mg/kg, in SD007 at 1.3(J) mg/kg, and in SD008 at 2.7(J) mg/kg. The CAL for PCBs is 1 mg/kg.

Up to seven metals were detected in all of the samples. The concentrations were below the CALs, with the following exception: arsenic was detected in all of the samples at concentrations ranging from 4.3(J) mg/kg to 42.3(J-) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg and are below the calculated background concentration of 35.5 mg/kg (Appendix H) except for 42.3(J-) mg/kg in sample SD009.

Groundwater: VOCs, PAHs, PCBs, and total metals were not detected.

4.3.17 PRA #15 Former Drainage Channel (Manmade Ditch)

Three soil borings (SB011 through SB013) were completed to a total depth of 11 feet bgs in the area of the Former Drainage Channel (Manmade Ditch) in the southeast corner of the property. Samples were collected from depths of 2 to 4 foot, 4 to 6 feet, and 9 to 11 feet bgs. Three groundwater samples were also collected from these borings. Two sediment samples (SD001 and SD002) were collected from a depth of 0 to 1 feet in the main catch basin and outfall to creek. The samples were analyzed for BTEX, PAHs, and PCBs.

Soil and Sediment: PAHs were not detected in any of the samples. BTEX was detected in one of the borings at concentrations which did not exceed the CAL. PCBs were detected in one boring at a concentration which did not exceed the CAL, and in two sediment samples at concentrations which exceeded the CAL as follows: PCBs were detected in SD001 at 1.9(J) mg/kg and in SD002 at 1.3(J) mg/kg. The CAL for PCBs is 1 mg/kg.

Groundwater: BTEX, PAHs, and PCBs were not detected.

4.3.18 PRA #16 ESD Blowdowns

Four surface soil samples (SS009, SS011, SS012, and SS016) were collected to a depth of 1 foot at the four ESD blowdowns located on the site. The samples were analyzed for BTEX and PCBs.

BTEX was not detected in any of the samples. PCBs were detected in one sample at a concentration which did not exceed the CAL.

4.3.22 PRA #21 Glycol Drip Liquid Removal Point

Two surface soil samples (SS005 and SS081) were collected to a depth of 1 foot bgs at the Glycol Drip Liquid Removal Point located on the heater on the south side of the site. The samples were analyzed for BTEX and arsenic.

BTEX was not detected. Arsenic was detected in all of the samples at concentrations ranging from 7.2(J) mg/kg to 31.0(J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.23 PRA #22 Former 98,99 Regulator Building

Two surface soil samples (SS017 and SS018) were collected to a depth of 0.5 feet bgs at the Former 98,99 Regulator Building located on the south-central side of the site. The samples were analyzed for mercury.

Mercury was not detected.

4.3.24 PRA #23 Former Measurement Building

Two surface soil samples (SS019 and SS020) were collected to a depth of 0.5 feet bgs at the Former Measurement Building located on the southeast side of the site. The samples were analyzed for mercury.

Mercury was detected in one sample at a concentration which did not exceed the CAL.

4.3.25 PRA #24 Measurement/Regulation Building

Sixteen surface soil samples (SS021 through SS034; SS082 and SS083) were collected to a depth of 0.5 feet bgs at the Measurement/Regulation Building located on the central portion of the site. The samples were analyzed for mercury.

4.3.29 PRA #28 Water Wells #1 and #2

Groundwater samples (MW001 and MW002) were collected from Water Wells #1 and #2 located respectively on the southeastern and south-central portions of the site. The samples were analyzed for Table 1 constituents.

VOCs, PAHs, and PCBs were not detected. Total barium was detected in MW001 and total arsenic was detected in MW002 at concentrations below the CALs. Total lead was detected in MW002 at 17.0 ug/L. This concentration exceeds the CAL for lead of 15 ug/L.

A second sampling event was conducted, and indicated that total and dissolved lead were detected at the wellhead of MW002 at 17.0 ug/L and nondetect, respectively. During a third sampling event, samples were obtained from the kitchen faucet and water fountain. Total and dissolved lead were below the detection limit.

4.3.30 PRA #29 Utility Building Oil Skimmer

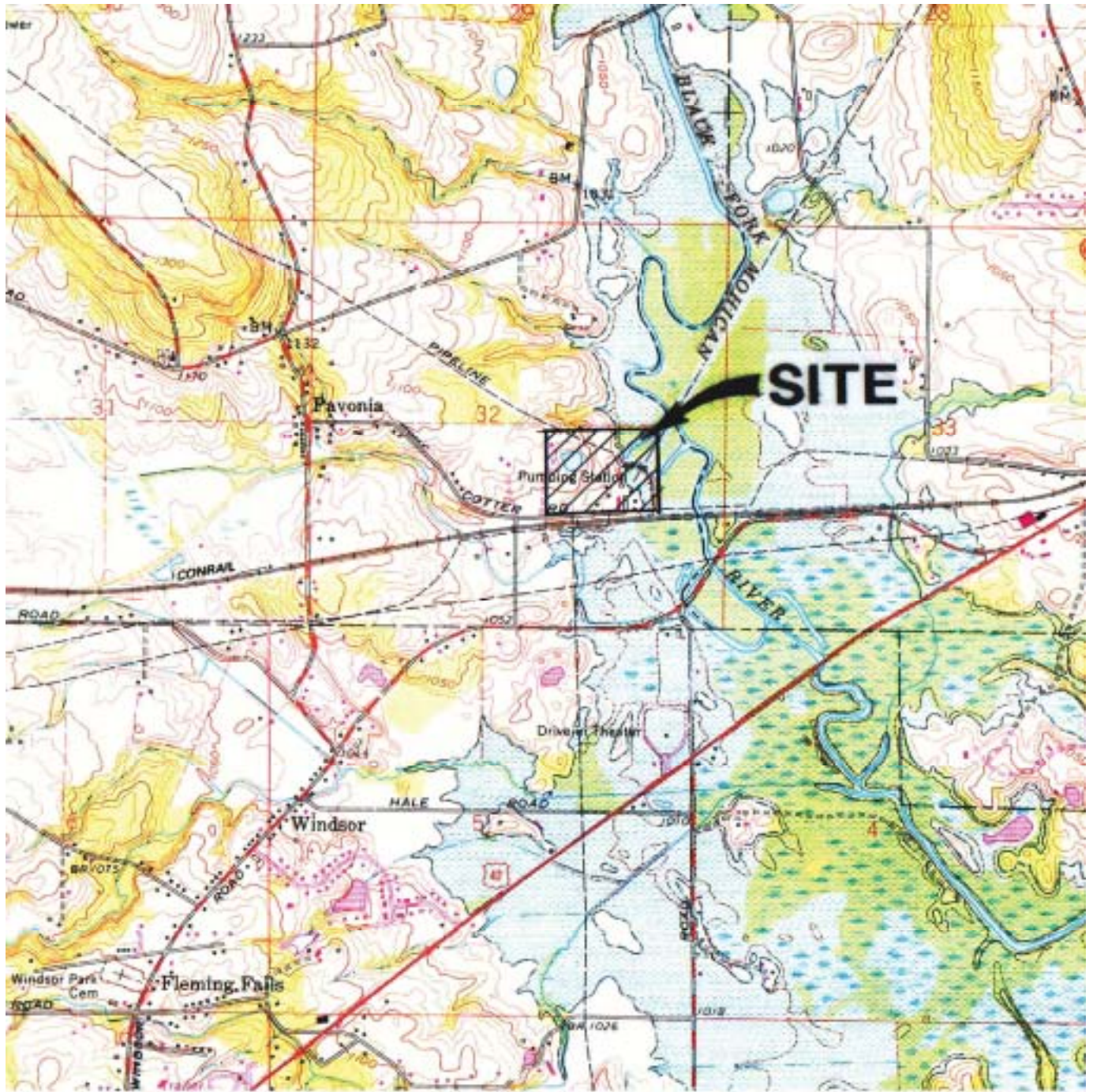
One sediment sample (SD011) was collected to a depth of 1 foot at the discharge point of the Utility Building Oil Skimmer into the Pond on the east side of the site. The sample was analyzed for Table 1 constituents.

VOCs, PAHs, and PCBs were not detected in the sample. Five metals were detected at concentrations which did not exceed the CAL except for the following: Arsenic was detected at a concentration of 22.2(J-) mg/kg. This concentration exceeds the CAL for arsenic of 0.43 mg/kg but is below the calculated background concentration for arsenic of 35.5 mg/kg (Appendix H).

4.3.31 PRA #30 Former Manufactured Gasoline Plant Horizontal ATs

Seven soil borings (SB038 through SB044) were completed to a total depth of 6 feet bgs in the area of the Former Manufactured Gasoline Plant Horizontal ATs (volume unknown) on the west-central

G:\PROJECTS\98220\0100\1FIG-1.dwg MBISHOP - SEPTEMBER 22, 2000 - 08:39:55 XREFS:



1000 500 0 500 1000 2000
SCALE: 1"=2000'



QUADRANGLE LOCATION

SOURCE: USGS 7.5 MINUTE QUADRANGLE PAVONIA, OHIO, PHOTOREVISED 1984.



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Site Location Map

COLUMBIA GAS TRANSMISSION CORPORATION
Pavonia Compressor Station

Weller Township, Richland County, Ohio

DWN. BY:MEB
CHKD. BY:JRM

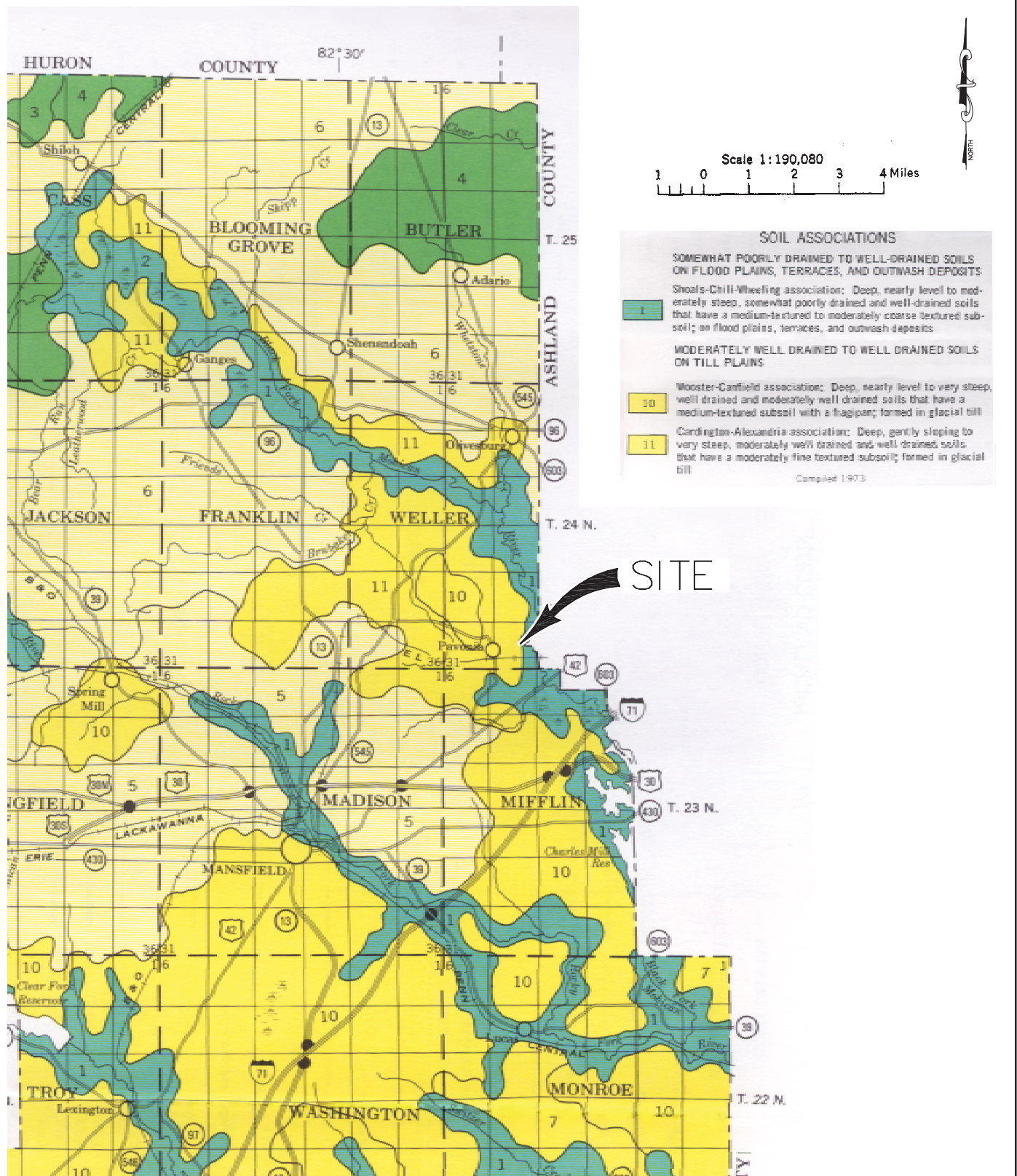
SCALE:
AS SHOWN

DATE:
SEPT 2000

PROJECT NO.:
98220

FIGURE NO.:
1-1

G:\PROJECTS\98220\0400\1-FIG-2-1.dwg MBISHOP - NOVEMBER 22, 2000 - 11:11:34 XREFS:



SOURCE: GENERAL SOIL MAP, RICHLAND COUNTY, OHIO



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DWN. BY:MEB

SCALE:

DATE:

Site Soils

COLUMBIA GAS TRANSMISSION CORPORATION
Pavonia Compressor Station

Weller Township, Richland County, Ohio

CHKD. BY:JRM

AS SHOWN

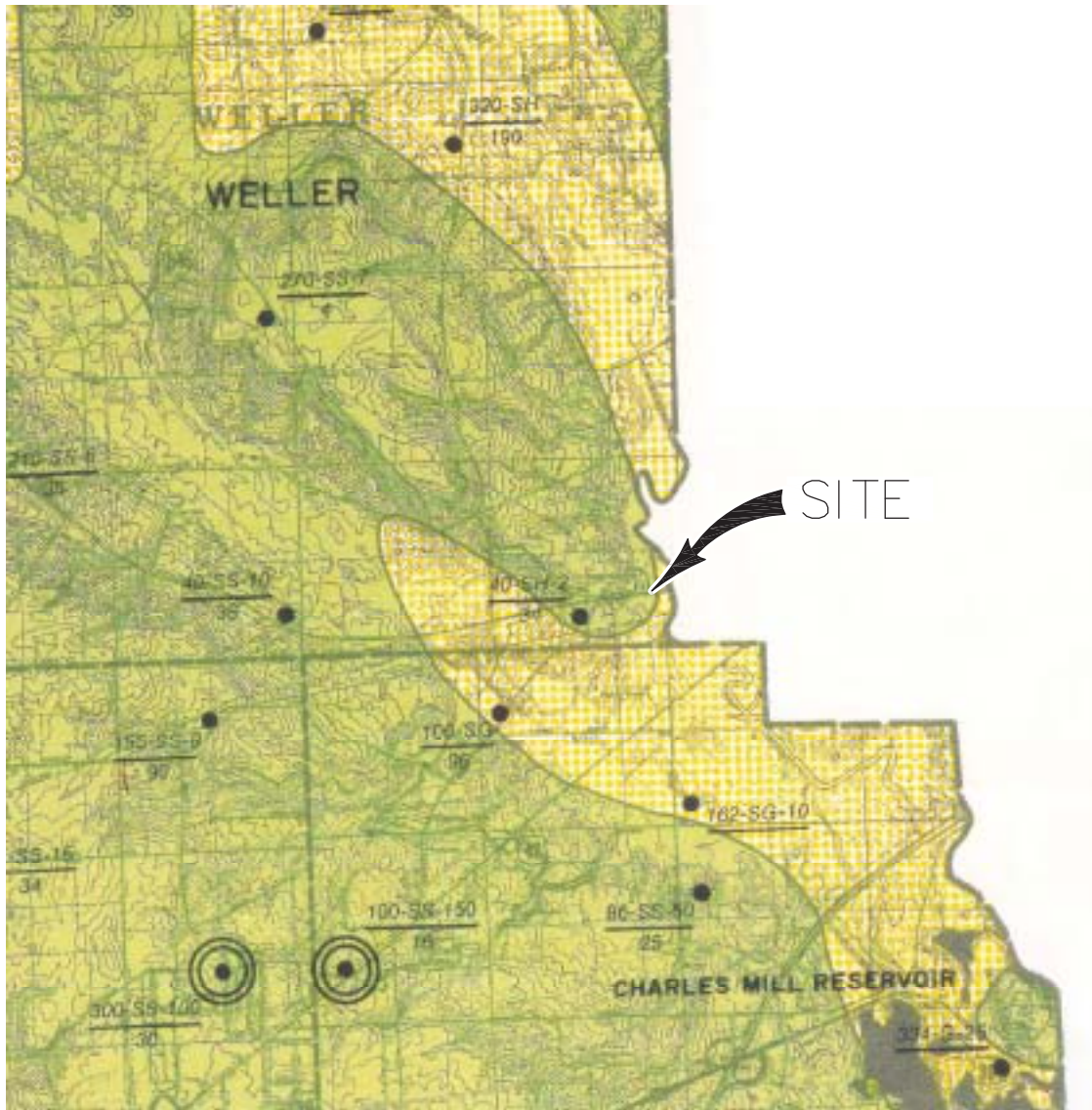
SEP 2000

PROJECT NO.:

98220

FIGURE NO.:

2-1



AREAS IN WHICH YIELDS OF 25 TO 100 GALLONS PER MINUTE MAY BE DEVELOPED



Water-bearing deposits of sand and gravel may be encountered at depths of 95 to 135 feet. Yields for farm and household supplies are readily available. Extensive drilling may be necessary to develop small public supplies. Deep drilling through as much as 305 feet of sandy clay may only encounter small domestic supplies from the underlying shale-sandstone bedrock.

AREAS IN WHICH YIELDS OF AS MUCH AS 25 OR MORE GALLONS PER MINUTE MAY BE DEVELOPED



Ground-water supplies developed from the sandstone and shale formations of the Cuyahoga Group. Yields of 5 to more than 20 gallons per minute are readily available. Drilling contractors may encounter thick deposits of clayey loess interbedded with thin lenses of permeable sand and gravel in the more recent areas. Small supplies for domestic use are available, although most wells are developed in the sandstone-shale bedrock at depths of 50 to 275 feet. Industrial and municipal supplies of more than 250 gallons per minute have been reported for properly constructed large-diameter wells at depths of as much as 350 feet.

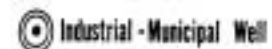
Depth (ft.) - Water bearing Formation - Yield (gpm)

Depth to Bedrock (ft.)

SS - Sandstone SH - Shale G - Gravel

S - Sand CL - Clay

• Water Well



Scale in miles

SOURCE: GROUND-WATER RESOURCES OF RICHLAND COUNTY BY: JAMES J. SCHMIDT, 1979



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Site Geology and Groundwater Resources

COLUMBIA GAS TRANSMISSION CORPORATION
Pavonia Compressor Station

Weller Township, Richland County, Ohio

DWN. BY: MEB

SCALE:

DATE:

PROJECT NO.:

FIGURE NO:

CHKD. BY: JRM

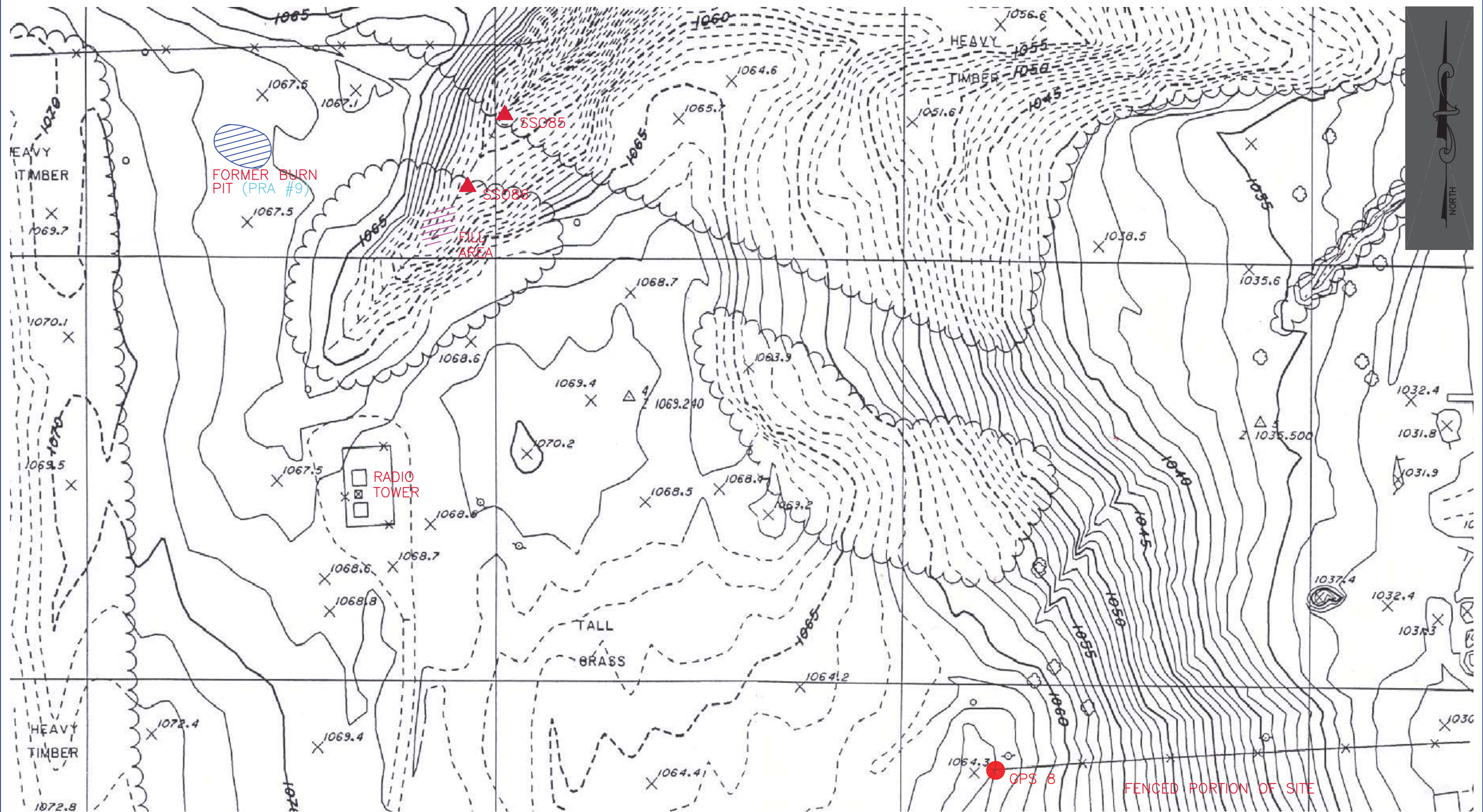
AS SHOWN

SEPT 2000

98220

2-2

G:\PROJECTS\98220\0400\1-FIG-3-2.dwg MMARKS - NOVEMBER 24, 2000 - 13:35:39 XREFS:



LEGEND:

- ▲ SURFACE/SEDIMENT (0-1') SAMPLE LOCATION
- GPS REFERENCE POINT
- FENCELINE



Civil & Environmental Consultants, Inc.
Cincinnati, OH
(513) 985-0226 • (800) 759-5614
Pittsburgh, PA • Columbus, OH • Indianapolis, IN • Nashville, TN

DWN. BY: MEB
CHKD. BY: JRM

SCALE:
AS SHOWN

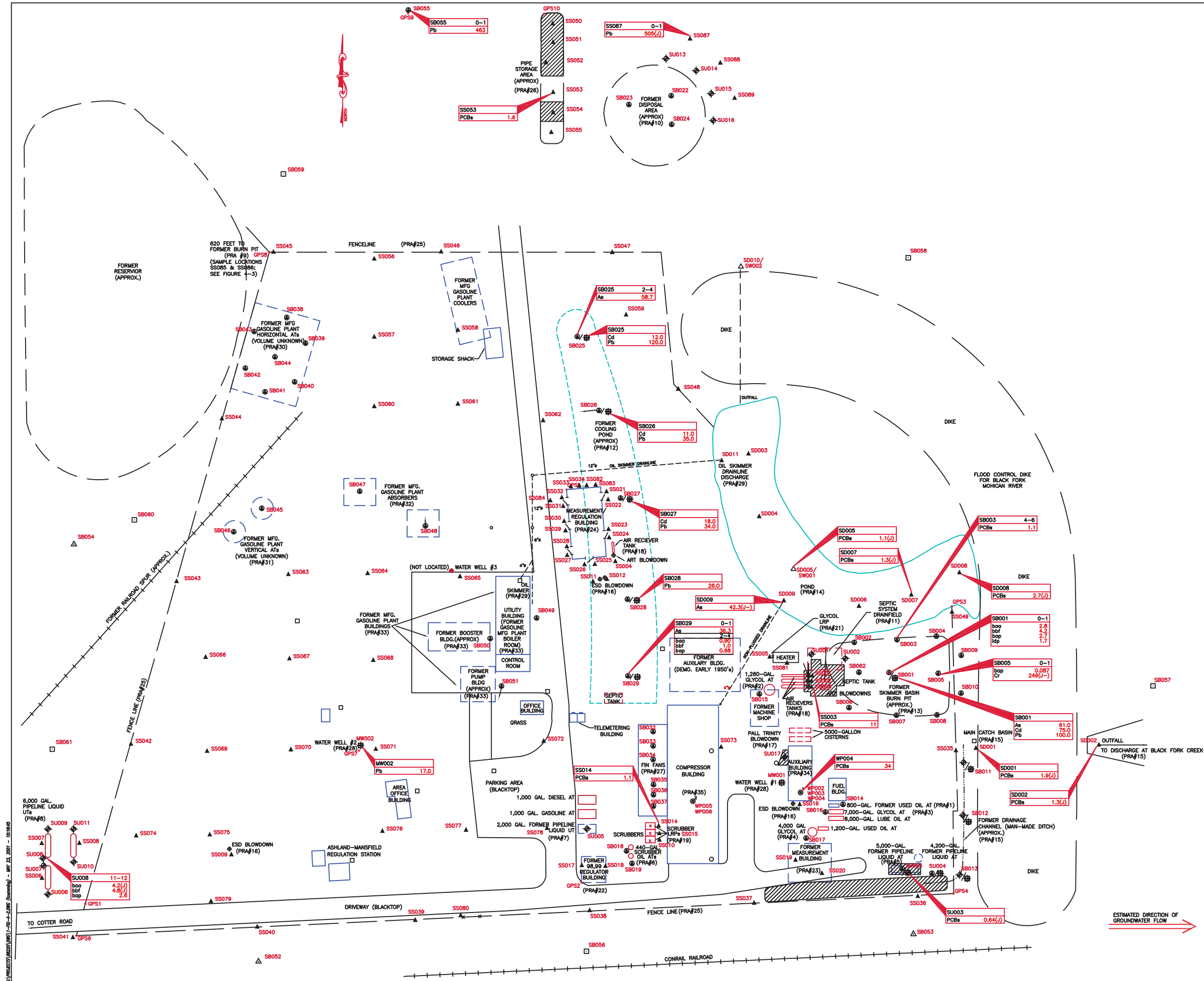
DATE:
SEPT 2000

Sample Location Map
Former Burn Pit (PRA #9)
COLUMBIA GAS TRANSMISSION CORPORATION
Pavonia Compressor Station

Weller Township, Richland County, Ohio

PROJECT NO.:
98220

FIGURE NO.:
3-2



REVISION RECORD	
DATE	DESCRIPTION

LEGEND

- AT DEPTH SAMPLE LOCATION(>1')
- SURFACE(0-1') & AT DEPTH(>1') SAMPLE LOCATION
- SURFACE/SEDIMENT(0-1') SAMPLE LOCATION
- SEDIMENT/SURFACE WATER SAMPLE LOCATION
- GROUNDWATER SAMPLE
- BACKGROUND SAMPLE LOCATION (TABLE 1 ANALYSIS)
- BACKGROUND SAMPLE LOCATION (METALS ANALYSIS)
- PCB WIPE SAMPLES
- BLOWDOWN
- CATCH BASIN
- GPS REFERENCE POINT
- FENCE LINE
- LIQUID REMOVAL POINTS (LRPs)
- SUMP
- AREAS PREVIOUSLY REMEDIATED

baa) BENZO (a) ANTHRACENE
bap) BENZO (a) PYRENE
bbf) BENZO (b) FLUORANTHENE
ldp) INDENO (1,2,3-C,D) PYRENE
PCBs POLYCHLORINATED BIPHENYLS
As ARSENIC
Pb LEAD
Cr CHROMIUM

*soil and concrete chip sample results in mg/kg, groundwater sample results in ug/l, wipe sample results in ug/100cm2

NOTES:

AUXILIARY BUILDING WIPE SAMPLES:
1 FROM AIR COMPRESSOR PEDESTAL #2 FRAME (WP002)
1 FROM WEST WALL, SOUTH HALF, UPPER RIGHT (WP003)
1 FROM EAST HALF OF BASEMENT FLOOR PIPE CHASE (WP004)

COMPRESSOR BUILDING WIPE SAMPLES:
1 FROM FLOOR, SOUTH END, WEST SIDE (WP005)
1 FROM SUMP DRAINLINE, NORTH END (WP006)

RANDOM PCB SAMPLES ARE LOCATED IN THE FIELD WITHIN FENCED AREA ONLY ON 100-FT GRID.

GRAPHIC SCALE

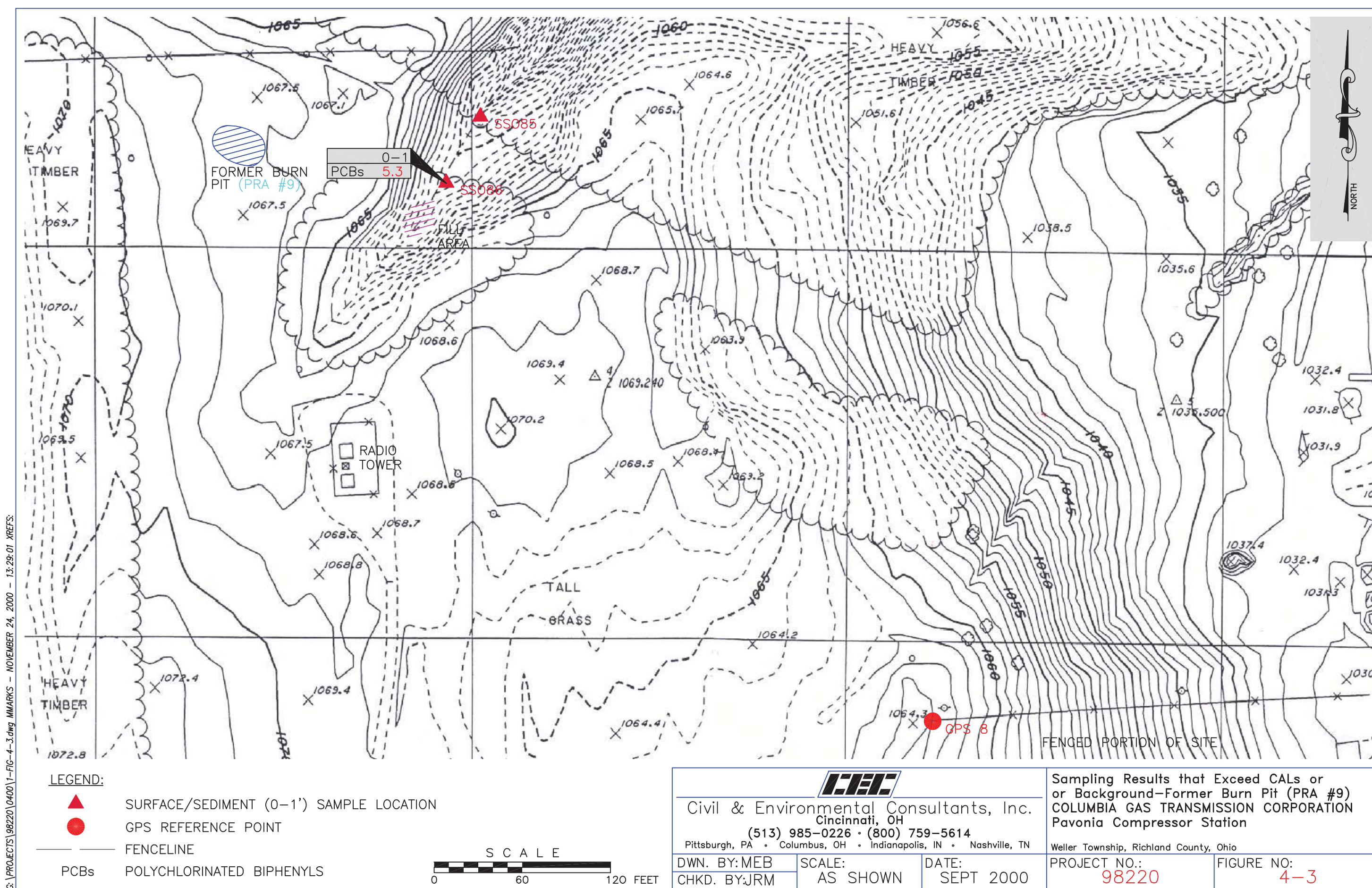
50 0 50 100 150 200
(IN FEET)
1 inch = 50 ft.


C&E
Civil & Environmental Consultants, Inc.
9912 Corver Road Cincinnati, OH 45242 (513) 985-0226 · (800) 759-5614
601 Holiday Drive Pittsburgh, PA 15220 (412) 921-3402 · (800) 365-2324

COLUMBIA GAS TRANSMISSION CORPORATION
WELLER TOWNSHIP,
RICHLAND COUNTY, OHIO

DATE: JULY 2000	APPROVED BY:	DWN BY: MEB
SCALE: 1"=50'		CHKD. BY:JRM
SAMPLING RESULTS THAT EXCEED Cals OR BACKGROUND		ACAD FILE:1FIG-4-2
		SHEET OF
		DRAWING NUMBER 4-2

G:\PROJECTS\98220\0400\1-FIG-4-3.dwg MMARKS - NOVEMBER 24, 2000 - 13:29:01 XREFS:



 Civil & Environmental Consultants, Inc. Cincinnati, OH (513) 985-0226 • (800) 759-5614 Pittsburgh, PA • Columbus, OH • Indianapolis, IN • Nashville, TN			Sampling Results that Exceed CALs or or Background-Former Burn Pit (PRA #9) COLUMBIA GAS TRANSMISSION CORPORATION Pavonia Compressor Station Weller Township, Richland County, Ohio	
DWN. BY:MEB	SCALE: AS SHOWN	DATE: SEPT 2000	PROJECT NO.: 98220	FIGURE NO.: 4-3
CHKD. BY:JRM				

**Table 4-3
Summary of Analytical Results**

PRA	0		
PRA Description	BACKGROUND		
Sample Type	Normal Sample		
Sample Id	PAV-SB052-40001	PAV-SB052-70001	
Depth - ft bgs	0 - 1	2 - 6	
Collected Date	09/14/98	09/14/98	
Laboratory	RECRA	Severn Trent Laboratories	RECRA
Sample Collector	Civil & Environmental Consultant:	Civil & Environmental Consultant:	Civil & Environmental Consultant:
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND				ND	
	TOLUENE	16000	ND				ND	
	ETHYLBENZENE	7800	ND				ND	
	XYLENE (TOTAL)	160000	ND				ND	
	ACETONE	7800	ND				ND	
	2-BUTANONE	47000	ND				ND	
BNA	NAPHTHALENE	1600	ND				ND	
	ACENAPHTHENE	4700	ND				ND	
	FLUORENE	3100	ND				ND	
	PHENANTHRENE	23000	ND				ND	
	ANTHRACENE	23000	ND				ND	
	FLUORANTHENE	3100	ND				ND	
	PYRENE	2300	ND				ND	
	BENZO(A)ANTHRACENE	.87	ND				ND	
	BENZO(B)FLUORANTHENE	.87	0.48				ND	
	CHRYSENE	87	ND				ND	
	BENZO(K)FLUORANTHENE	8.7	0.47				ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	0					
		PRA Description	BACKGROUND					
		Sample Type	Normal Sample					
		Sample Id	PAV-SB052-40001			PAV-SB052-70001		
		Depth - ft bgs	0 - 1			2 - 6		
		Collected Date	09/14/98			09/14/98		
		Laboratory	RECRA		Severn Trent Laboratories		RECRA	
		Sample Collector	Civil & Environmental Consultant:		Civil & Environmental Consultant:		Civil & Environmental Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND				ND	
	BENZO(G,H,I)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1254	1	ND				ND	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500			130			
	BERYLLIUM, TOTAL	160			1.9			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			76.4			
	LEAD, TOTAL	400			108			
	NICKEL, TOTAL	1600			18.2			
	SILVER, TOTAL	390			ND			
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43			22.4	X		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id		PAV-SB053-40001				
		Depth - ft bgs		0 - 1				
		Collected Date		09/14/98				
		Laboratory	Severn Trent Laboratories	RECRA	Severn Trent Laboratories			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12			ND			
	TOLUENE	16000			ND			
	ETHYLBENZENE	7800			ND			
	XYLENE (TOTAL)	160000			ND			
	ACETONE	7800			ND			
	2-BUTANONE	47000			ND			
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id		PAV-SB053-40001				
		Depth - ft bgs		0 - 1				
		Collected Date		09/14/98				
		Laboratory	Severn Trent Laboratories	RECRA		Severn Trent Laboratories		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1			ND			
	AROCLOR-1260	1			ND			
METAL	BARIUM, TOTAL	5500	39.8				238	
	BERYLLIUM, TOTAL	160	ND				3.6	
	CADMIUM, TOTAL	39	ND				ND	
	CHROMIUM, TOTAL	230	19.3				44.4	
	LEAD, TOTAL	400	30.1				ND	
	NICKEL, TOTAL	1600	22.7				24.5	
	SILVER, TOTAL	390	ND				ND	
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	23.1	X			6.4	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB053-70001			PAV-SB054-40001		
		Depth - ft bgs	2 - 6			0 - 1		
		Collected Date	09/14/98			09/14/98		
		Laboratory	RECRA		Severn Trent Laboratories		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND				ND	
	TOLUENE	16000	ND				ND	
	ETHYLBENZENE	7800	ND				ND	
	XYLENE (TOTAL)	160000	ND				ND	
	ACETONE	7800	ND				ND	
	2-BUTANONE	47000	ND				ND	
BNA	NAPHTHALENE	1600	ND				ND	
	ACENAPHTHENE	4700	ND				ND	
	FLUORENE	3100	ND				ND	
	PHENANTHRENE	23000	ND				ND	
	ANTHRACENE	23000	ND				ND	
	FLUORANTHENE	3100	ND				ND	
	PYRENE	2300	ND				ND	
	BENZO(A)ANTHRACENE	.87	ND				ND	
	BENZO(B)FLUORANTHENE	.87	ND				ND	
	CHRYSENE	87	ND				ND	
	BENZO(K)FLUORANTHENE	8.7	ND				ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB053-70001			PAV-SB054-40001		
		Depth - ft bgs	2 - 6			0 - 1		
		Collected Date	09/14/98			09/14/98		
		Laboratory	RECRA		Severn Trent Laboratories		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND				ND	
	BENZO(G,H,I)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1254	1	ND				ND	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500			66.7			
	BERYLLIUM, TOTAL	160			ND			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			11.0			
	LEAD, TOTAL	400			39.4			
	NICKEL, TOTAL	1600			22.9			
	SILVER, TOTAL	390			ND			
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43			17.5	X		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id		PAV-SB054-70001				
		Depth - ft bgs		2 - 6				
		Collected Date		09/14/98				
		Laboratory	Severn Trent Laboratories	RECRA	Severn Trent Laboratories			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12			ND			
	TOLUENE	16000			ND			
	ETHYLBENZENE	7800			ND			
	XYLENE (TOTAL)	160000			ND			
	ACETONE	7800			ND			
	2-BUTANONE	47000			ND			
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			PAV-SB054-70001			
		Depth - ft bgs			2 - 6			
		Collected Date			09/14/98			
		Laboratory	Severn Trent Laboratories		RECRA		Severn Trent Laboratories	
		Sample Collector	Civil & Environmental Consultant:		Civil & Environmental Consultant:		Civil & Environmental Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1			ND			
	AROCLOR-1260	1			ND			
METAL	BARIUM, TOTAL	5500	133				58.6	
	BERYLLIUM, TOTAL	160	ND				1.2	
	CADMIUM, TOTAL	39	ND				ND	
	CHROMIUM, TOTAL	230	14.6				18.5	
	LEAD, TOTAL	400	ND				25.9	
	NICKEL, TOTAL	1600	22.8				50.4	
	SILVER, TOTAL	390	ND				ND	
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	13.8	X			27.7	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB055-40001			PAV-SB055-70001		
		Depth - ft bgs	0 - 1			2 - 6		
		Collected Date	09/14/98			09/14/98		
		Laboratory	RECRA		Severn Trent Laboratories		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND				ND	
	TOLUENE	16000	ND				ND	
	ETHYLBENZENE	7800	ND				ND	
	XYLENE (TOTAL)	160000	ND				ND	
	ACETONE	7800	ND				ND	
	2-BUTANONE	47000	ND				ND	
BNA	NAPHTHALENE	1600	ND				ND	
	ACENAPHTHENE	4700	ND				ND	
	FLUORENE	3100	ND				ND	
	PHENANTHRENE	23000	ND				ND	
	ANTHRACENE	23000	ND				ND	
	FLUORANTHENE	3100	ND				ND	
	PYRENE	2300	ND				ND	
	BENZO(A)ANTHRACENE	.87	ND				ND	
	BENZO(B)FLUORANTHENE	.87	ND				ND	
	CHRYSENE	87	ND				ND	
	BENZO(K)FLUORANTHENE	8.7	ND				ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB055-40001			PAV-SB055-70001		
		Depth - ft bgs	0 - 1			2 - 6		
		Collected Date	09/14/98			09/14/98		
		Laboratory	RECRA		Severn Trent Laboratories		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND				ND	
	BENZO(G,H,I)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1254	1	ND				ND	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500			72.2			
	BERYLLIUM, TOTAL	160			ND			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			16.2			
	LEAD, TOTAL	400			463	X		
	NICKEL, TOTAL	1600			31.4			
	SILVER, TOTAL	390			ND			
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43			14.4	X		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB061-40001			PAV-SB061-40002		
		Depth - ft bgs	0 - 1			2 - 6		
		Collected Date	09/10/98			09/10/98		
		Laboratory	Severn Trent Laboratories			RECRA		
		Sample Collector	Civil & Environmental Consultant			Civil & Environmental Consultant		
		Result Units	MG/KG			MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB061-40001			PAV-SB061-40002		
		Depth - ft bgs	0 - 1			2 - 6		
		Collected Date	09/10/98			09/10/98		
		Laboratory	Severn Trent Laboratories			RECRA		
		Sample Collector	Civil & Environmental Consultant			Civil & Environmental Consultant		
		Result Units	MG/KG			MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	78.8		49.0		40.1	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		1.3	
	CHROMIUM, TOTAL	230	18.9		16.9		10.4	
	LEAD, TOTAL	400	27.6		ND		ND	
	NICKEL, TOTAL	1600	42.5		36.4 J-		26.4 J-	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	12.2	X	12.1 J-	X	24.7 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description		RANDOM PCB SAMPLES						
Sample Type		Normal Sample						
Sample Id		PAV-SS056-40001	PAV-SS057-40001	PAV-SS058-40001				
Depth - ft bgs		0 - 0.5	0 - 0.5	0 - 0.5				
Collected Date		09/10/98	09/10/98	09/10/98				
Laboratory		RECRA	RECRA	RECRA				
Sample Collector		Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant				
Result Units		MG/KG	MG/KG	MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description	RANDOM PCB SAMPLES					
		Sample Type	Normal Sample					
		Sample Id	PAV-SS056-40001		PAV-SS057-40001		PAV-SS058-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/10/98		09/10/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS059-40001	PAV-SS060-40001	PAV-SS061-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/10/98	09/09/98	09/10/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS059-40001		PAV-SS060-40001		PAV-SS061-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/10/98		09/09/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS062-40001	PAV-SS063-40001	PAV-SS064-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/10/98	09/09/98	09/09/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS062-40001	PAV-SS063-40001	PAV-SS064-40001			
		Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5			
		Collected Date	09/10/98	09/09/98	09/09/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS065-40001	PAV-SS066-40001	PAV-SS067-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/09/98	09/09/98	09/09/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS065-40001		PAV-SS066-40001		PAV-SS067-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS068-40001	PAV-SS069-40001	PAV-SS070-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/09/98	09/09/98	09/09/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS068-40001		PAV-SS069-40001		PAV-SS070-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.040	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS071-40001	PAV-SS072-40001	PAV-SS073-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/09/98	09/09/98	09/09/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS071-40001		PAV-SS072-40001		PAV-SS073-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.41 J	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS074-40001		PAV-SS075-40001		PAV-SS076-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS074-40001		PAV-SS075-40001		PAV-SS076-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.20		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS077-40001		PAV-SS078-40001		PAV-SS079-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS077-40001		PAV-SS078-40001		PAV-SS079-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.55	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			1			
		PRA Description			800-GALLON FORMER USED OI			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS080-40001	PAV-SS084-40001	PAV-SB014-40001			
		Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 1			
		Collected Date	09/09/98	09/10/98	09/03/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					ND	
	TOLUENE	16000					ND	
	ETHYLBENZENE	7800					ND	
	XYLENE (TOTAL)	160000					ND	
	ACETONE	7800					ND	
	2-BUTANONE	47000					ND	
BNA	NAPHTHALENE	1600					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			1			
		PRA Description			800-GALLON FORMER USED OI			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS080-40001	PAV-SS084-40001	PAV-SB014-40001			
		Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 1			
		Collected Date	09/09/98	09/10/98	09/03/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087					ND	
	BENZO(G,H,I)PERYLENE	2300					ND	
	INDENO(1,2,3-CD)PYRENE	.87					ND	
P/PCB	AROCLOR-1254	1	0.77		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500					59.2	
	BERYLLIUM, TOTAL	160					ND	
	CADMIUM, TOTAL	39					ND	
	CHROMIUM, TOTAL	230					18.9	
	LEAD, TOTAL	400					ND	
	NICKEL, TOTAL	1600					22.0	
	SILVER, TOTAL	390					ND	
	MERCURY, TOTAL	20					ND	
	ARSENIC, TOTAL	.43					10.2 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			2			
		PRA Description IL AT			1260-GALLON GLYCOL AT			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB014-70001	PAV-SB014-70002	PAV-SB015-40001			
		Depth - ft bgs	2 - 4	4 - 6	0 - 1			
		Collected Date	09/03/98	09/03/98	09/03/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND			
	TOLUENE	16000	ND		ND			
	ETHYLBENZENE	7800	ND		ND			
	XYLENE (TOTAL)	160000	ND		ND			
	ACETONE	7800	ND		ND			
	2-BUTANONE	47000	ND		ND			
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			2			
		PRA Description IL AT			1260-GALLON GLYCOL AT			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB014-70001	PAV-SB014-70002	PAV-SB015-40001			
		Depth - ft bgs	2 - 4	4 - 6	0 - 1			
		Collected Date	09/03/98	09/03/98	09/03/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND			
	BENZO(G,H,I)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1254	1	ND		ND			
	AROCLOR-1260	1	ND		ND			
METAL	BARIUM, TOTAL	5500	111		97.7			
	BERYLLIUM, TOTAL	160	ND		ND			
	CADMIUM, TOTAL	39	1.3		ND			
	CHROMIUM, TOTAL	230	20.6		17.9			
	LEAD, TOTAL	400	43.6		26.0			
	NICKEL, TOTAL	1600	33.4		34.9			
	SILVER, TOTAL	390	ND		ND			
	MERCURY, TOTAL	20	ND		ND			
	ARSENIC, TOTAL	.43	16.3 J-	X	21.5 J-	X	15.2 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA	3		4
PRA Description	7000-GALLON GLYCOL AT		4000-GALLON GLYCOL AT
Sample Type	Normal Sample		Normal Sample
Sample Id	PAV-SB016-40001	PAV-SB016-70002	PAV-SB017-40001
Depth - ft bgs	0 - 1	4 - 6	0 - 1
Collected Date	09/03/98	09/03/98	09/03/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	3			4		
		PRA Description	7000-GALLON GLYCOL AT			4000-GALLON GLYCOL AT		
		Sample Type	Normal Sample			Normal Sample		
		Sample Id	PAV-SB016-40001		PAV-SB016-70002	PAV-SB017-40001		
		Depth - ft bgs	0 - 1		4 - 6	0 - 1		
		Collected Date	09/03/98		09/03/98	09/03/98		
		Laboratory	RECRA		RECRA	RECRA		
		Sample Collector	Civil & Environmental Consultant:		Civil & Environmental Consultant:	Civil & Environmental Consultant:		
		Result Units	MG/KG		MG/KG	MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	8.9 J-	X	12.6 J-	X	12.2 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			5			
		PRA Description			5000-GALLON FORMER PIPELINE			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB017-70001	PAV-SB017-70002	PAV-SU003-70001			
		Depth - ft bgs	2 - 4	4 - 6	5 - 6			
		Collected Date	09/03/98	09/03/98	09/02/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					ND	
	TOLUENE	16000					ND	
	ETHYLBENZENE	7800					ND	
	XYLENE (TOTAL)	160000					ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			5			
		PRA Description			5000-GALLON FORMER PIPELIN			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB017-70001	PAV-SB017-70002	PAV-SU003-70001			
		Depth - ft bgs	2 - 4	4 - 6	5 - 6			
		Collected Date	09/03/98	09/03/98	09/02/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1					ND	
	AROCLOR-1260	1					ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	12.8 J-	X	12.3 J-	X		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		6	
PRA Description	NE LIQUIDS AT	440-GALLON SCRUBBER OIL ATS	
Sample Type		Normal Sample	
Sample Id	PAV-SU004-70001	PAV-SB018-40001	PAV-SB018-70001
Depth - ft bgs	5 - 6	0 - 1	2.5 - 2.5
Collected Date	09/02/98	09/08/98	09/08/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		0.010	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		0.027	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			6				
		PRA Description		NE LIQUIDS AT		440-GALLON SCRUBBER OIL ATS			
		Sample Type			Normal Sample				
		Sample Id	PAV-SU004-70001		PAV-SB018-40001		PAV-SB018-70001		
		Depth - ft bgs	5 - 6		0 - 1		2.5 - 2.5		
		Collected Date	09/02/98		09/08/98		09/08/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087					ND		
	BENZO(G,H,I)PERYLENE	2300					ND		
	INDENO(1,2,3-CD)PYRENE	.87					ND		
P/PCB	AROCLOR-1254	1	ND		ND		ND		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA			7
PRA Description			2000-GALLON FORMER PIPELINE
Sample Type			Normal Sample
Sample Id	PAV-SB019-40001	PAV-SB019-70001	PAV-SU005-70001
Depth - ft bgs	0 - 1	2.5 - 2.5	6 - 7
Collected Date	09/08/98	09/08/98	09/05/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		0.012		ND	
	TOLUENE	16000	0.012		0.014		ND	
	ETHYLBENZENE	7800	ND		0.041		0.016	
	XYLENE (TOTAL)	160000	ND		0.30		0.076	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600			0.50 J			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			7			
		PRA Description			2000-GALLON FORMER PIPELINE			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB019-40001	PAV-SB019-70001	PAV-SU005-70001			
		Depth - ft bgs	0 - 1	2.5 - 2.5	6 - 7			
		Collected Date	09/08/98	09/08/98	09/05/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1	ND		ND		0.044	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA	8		
PRA Description	6000-GALLON PIPELINE LIQUID UTS		
Sample Type	Normal Sample		
Sample Id	PAV-SU006-70001	PAV-SU007-70001	PAV-SU008-70001
Depth - ft bgs	11 - 12	11 - 12	11 - 12
Collected Date	09/10/98	09/10/98	09/10/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		1.0 J	
	FLUORENE	3100	ND		ND		0.84	
	PHENANTHRENE	23000	ND		ND		6.1 J	
	ANTHRACENE	23000	ND		ND		1.9 J	
	FLUORANTHENE	3100	ND		ND		10 J	
	PYRENE	2300	ND		ND		7.3 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		4.2 J	X
	BENZO(B)FLUORANTHENE	.87	ND		ND		4.8 J	X
	CHRYSENE	87	ND		ND		4.0 J	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		4.8 J	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	8					
		PRA Description	6000-GALLON PIPELINE LIQUID UTS					
		Sample Type	Normal Sample					
		Sample Id	PAV-SU006-70001	PAV-SU007-70001		PAV-SU008-70001		
		Depth - ft bgs	11 - 12	11 - 12		11 - 12		
		Collected Date	09/10/98	09/10/98		09/10/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		2.6 J	X
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SU009-70001	PAV-SU010-70001	PAV-SU011-70001					
Depth - ft bgs	11 - 12	11 - 12	11 - 12					
Collected Date	09/10/98	09/10/98	09/10/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SU009-70001	PAV-SU010-70001	PAV-SU011-70001			
		Depth - ft bgs	11 - 12	11 - 12	11 - 12			
		Collected Date	09/10/98	09/10/98	09/10/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA	9		10
PRA Description	FORMER BURN PIT		FORMER DISPOSAL AREA
Sample Type	Normal Sample		Normal Sample
Sample Id	PAV-SS085-40001	PAV-SS086-40001	PAV-SB022-40001
Depth - ft bgs	0 - 1	0 - 1	0 - 1
Collected Date	09/11/98	09/11/98	09/15/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	9				10	
		PRA Description	FORMER BURN PIT				FORMER DISPOSAL AREA	
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SS085-40001		PAV-SS086-40001		PAV-SB022-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/11/98		09/11/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.64 J		5.3	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	80.3		115		60.6 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		13.1 J+	
	CHROMIUM, TOTAL	230	11.8		10.6		15.6 J+	
	LEAD, TOTAL	400	32.3		ND		ND	
	NICKEL, TOTAL	1600	ND		ND		24.5 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	7.6 J	X	29.6 J	X	11.6 J+	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB022-70001	PAV-SB022-70002	PAV-SB023-40001					
Depth - ft bgs	2 - 4	4 - 6	0 - 1					
Collected Date	09/15/98	09/15/98	09/14/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB022-70001		PAV-SB022-70002		PAV-SB023-40001	
		Depth - ft bgs	2 - 4		4 - 6		0 - 1	
		Collected Date	09/15/98		09/15/98		09/14/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		0.062	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	75.4 J+		65.8 J+		65.6 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	14.4 J+		14.0 J+		14.1 J+	
	CHROMIUM, TOTAL	230	24.8 J+		18.6 J+		26.4 J+	
	LEAD, TOTAL	400	94.6 J+		ND		ND	
	NICKEL, TOTAL	1600	27.8 J+		25.5 J+		23.7 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	20.0 J+	X	12.3 J+	X	12.1 J+	X

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB023-70002	PAV-SB024-40001	PAV-SB024-70001					
Depth - ft bgs	4 - 6	0 - 1	4 - 6					
Collected Date	09/14/98	09/14/98	09/14/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB023-70002		PAV-SB024-40001		PAV-SB024-70001	
		Depth - ft bgs	4 - 6		0 - 1		4 - 6	
		Collected Date	09/14/98		09/14/98		09/14/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	65.6 J+		76.9 J+		83.2 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.2 J+		15.8 J+		14.3 J+	
	CHROMIUM, TOTAL	230	18.4 J+		18.7 J+		21.7 J+	
	LEAD, TOTAL	400	ND		ND		26.0 J+	
	NICKEL, TOTAL	1600	26.0 J+		26.4 J+		24.4 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	13.9 J+	X	23.1 J+	X	12.6 J+	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB024-70002	PAV-SS087-40001	PAV-SS088-40001					
Depth - ft bgs	9 - 10	0 - 1	0 - 1					
Collected Date	09/14/98	09/15/98	09/15/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB024-70002		PAV-SS087-40001		PAV-SS088-40001	
		Depth - ft bgs	9 - 10		0 - 1		0 - 1	
		Collected Date	09/14/98		09/15/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	93.2 J+		140 J+		132 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	11.1 J+		18.1 J+		16.3 J+	
	CHROMIUM, TOTAL	230	36.4 J+		25.4 J+		23.2 J+	
	LEAD, TOTAL	400	244 J+		505 J	X	30.3 J	
	NICKEL, TOTAL	1600	17.4 J+		32.2 J+		29.4 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	0.29		ND		ND	
	ARSENIC, TOTAL	.43	8.9 J+	X	19.0 J+	X	11.9 J+	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS089-40001	PAV-SU013-70001	PAV-SU014-70001					
Depth - ft bgs	0 - 1	3 - 4	2 - 4					
Collected Date	09/15/98	09/11/98	09/11/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS089-40001		PAV-SU013-70001		PAV-SU014-70001	
		Depth - ft bgs	0 - 1		3 - 4		2 - 4	
		Collected Date	09/15/98		09/11/98		09/11/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		0.069		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	164 J+					
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	17.8 J+					
	CHROMIUM, TOTAL	230	27.9 J+					
	LEAD, TOTAL	400	49.2 J					
	NICKEL, TOTAL	1600	30.0 J+					
	SILVER, TOTAL	390	ND					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	13.2 J+	X				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			11			
		PRA Description			SEPTIC SYSTEM DRAINFIELD			
		Sample Type			Normal Sample			
		Sample Id	PAV-SU015-70001	PAV-SU016-70001	PAV-SU001-70001			
		Depth - ft bgs	2 - 4	6 - 8	4 - 6			
		Collected Date	09/11/98	09/11/98	08/26/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND			
	2-BUTANONE	47000	ND		ND			
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			11			
		PRA Description			SEPTIC SYSTEM DRAINFIELD			
		Sample Type			Normal Sample			
		Sample Id	PAV-SU015-70001	PAV-SU016-70001	PAV-SU001-70001			
		Depth - ft bgs	2 - 4	6 - 8	4 - 6			
		Collected Date	09/11/98	09/11/98	08/26/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND			
	BENZO(G,H,I)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		12	
PRA Description		FORMER COOLING POND	
Sample Type		Normal Sample	
Sample Id	PAV-SU002-70001	PAV-SB025-40001	PAV-SB025-70001
Depth - ft bgs	4 - 6	0 - 1	2 - 4
Collected Date	08/26/98	09/01/98	09/01/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	0.031		ND		ND	
	ACETONE	7800			ND		ND	
	2-BUTANONE	47000			ND		ND	
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	12					
		PRA Description	FORMER COOLING POND					
		Sample Type	Normal Sample					
		Sample Id	PAV-SU002-70001	PAV-SB025-40001		PAV-SB025-70001		
		Depth - ft bgs	4 - 6	0 - 1		2 - 4		
		Collected Date	08/26/98	09/01/98		09/01/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND		ND	
	BENZO(G,H,I)PERYLENE	2300			ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1254	1	ND					
	AROCLOR-1260	1	ND					
METAL	BARIUM, TOTAL	5500			133		75.1	
	BERYLLIUM, TOTAL	160			ND		1.1	
	CADMIUM, TOTAL	39			13.3		22.9	
	CHROMIUM, TOTAL	230			17.0		12.1	
	LEAD, TOTAL	400			ND		36.7	
	NICKEL, TOTAL	1600			20.3		17.2	
	SILVER, TOTAL	390			ND		ND	
	MERCURY, TOTAL	20			ND		ND	
	ARSENIC, TOTAL	.43			12.6	X	58.7	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB026-40001	PAV-SB026-70001	PAV-SB026-70002					
Depth - ft bgs	0 - 1	2 - 4	4 - 6					
Collected Date	09/01/98	09/01/98	09/01/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-40001		PAV-SB026-70001		PAV-SB026-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	86.2		82.8		53.2	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.8		14.8		15.9	
	CHROMIUM, TOTAL	230	20.3		18.2		13.4	
	LEAD, TOTAL	400	ND		26.8		ND	
	NICKEL, TOTAL	1600	28.6		29.9		29.8	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	15.6	X	12.4	X	16.6	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB026-70003	PAV-SB027-40001	PAV-SB027-70001					
Depth - ft bgs	9 - 11	0 - 1	2 - 4					
Collected Date	09/01/98	09/01/98	09/01/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-70003		PAV-SB027-40001		PAV-SB027-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	84.5		101		86.4	
	BERYLLIUM, TOTAL	160	ND		1.3		ND	
	CADMIUM, TOTAL	39	15.8		17.1		17.4	
	CHROMIUM, TOTAL	230	16.2		20.0		16.8	
	LEAD, TOTAL	400	ND		23.0		ND	
	NICKEL, TOTAL	1600	25.2		31.7		33.8	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.0	X	20.0	X	17.2	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB027-70002	PAV-SB027-70003	PAV-SB027-70004					
Depth - ft bgs	4 - 6	9 - 11	14 - 16					
Collected Date	09/01/98	09/01/98	09/01/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB027-70002	PAV-SB027-70003	PAV-SB027-70004			
		Depth - ft bgs	4 - 6	9 - 11	14 - 16			
		Collected Date	09/01/98	09/01/98	09/01/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	71.0		84.8		102	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.6		13.5		20.6	
	CHROMIUM, TOTAL	230	17.1		16.8		17.0	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	25.4		19.9		35.7	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.8	X	10.1	X	30.3	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB028-40001	PAV-SB028-70001	PAV-SB028-70002					
Depth - ft bgs	0 - 1	2 - 4	4 - 6					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB028-40001		PAV-SB028-70001		PAV-SB028-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	67.5		98.3		117	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	12.0		17.8		21.8	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	23.7		31.9		35.6	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.2	X	10.1	X	15.7	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB028-70003	PAV-SB029-40001	PAV-SB029-70001					
Depth - ft bgs	9 - 11	0 - 1	2 - 4					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		0.62	
	FLUORANTHENE	3100	ND		ND		1.9	
	PYRENE	2300	ND		ND		2.1	
	BENZO(A)ANTHRACENE	.87	ND		ND		0.90	X
	BENZO(B)FLUORANTHENE	.87	ND		ND		1.0	X
	CHRYSENE	87	ND		ND		0.86	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		1.0	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB028-70003		PAV-SB029-40001		PAV-SB029-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		0.68	X
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	91.1		102		104	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	17.3		52.5		15.8	
	LEAD, TOTAL	400	ND		117		ND	
	NICKEL, TOTAL	1600	25.3		188		38.4	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	6.4	X	36.3	X	14.4	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		13	
PRA Description		FORMER SKIMMER BASIN BURN PIT	
Sample Type		Field Duplicate (Rep)	Normal Sample
Sample Id	PAV-SB029-70002	PAV-SB062-71002	PAV-SB001-40001
Depth - ft bgs	4 - 6	4 - 6	0 - 1
Collected Date	09/02/98	08/27/98	08/27/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		2.3	
	ANTHRACENE	23000	ND		ND		0.82	
	FLUORANTHENE	3100	ND		ND		4.2	
	PYRENE	2300	ND		ND		3.7	
	BENZO(A)ANTHRACENE	.87	ND		ND		2.8	X
	BENZO(B)FLUORANTHENE	.87	ND		ND		4.2	X
	CHRYSENE	87	ND		ND		2.1	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		0.43	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			13			
		PRA Description			FORMER SKIMMER BASIN BURN PIT			
		Sample Type			Field Duplicate (Rep)		Normal Sample	
		Sample Id	PAV-SB029-70002		PAV-SB062-71002		PAV-SB001-40001	
		Depth - ft bgs	4 - 6		4 - 6		0 - 1	
		Collected Date	09/02/98		08/27/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		2.7	X
	BENZO(G,H,I)PERYLENE	2300	ND		ND		1.4	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		1.7	X
P/PCB	AROCLOR-1254	1	ND				0.30 J	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500	91.0		227 J-		65.3 J-	
	BERYLLIUM, TOTAL	160	ND		4.8 J		ND	
	CADMIUM, TOTAL	39	1.2		15.9 J-		14.9 J-	
	CHROMIUM, TOTAL	230	15.1		25.1 J-		17.0 J-	
	LEAD, TOTAL	400	ND		28.6 J-		71.3 J-	
	NICKEL, TOTAL	1600	21.5		22.2 J-		23.6 J-	
	SILVER, TOTAL	390	ND		4.0 J-		ND	
	MERCURY, TOTAL	20	ND		2.1 J		ND	
	ARSENIC, TOTAL	.43	8.9	X	11.3 J-	X	14.4 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB001-70001	PAV-SB001-70002	PAV-SB002-40001					
Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1					
Collected Date	08/27/98	08/27/98	08/28/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		0.16		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		1.1 J		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.49 J		ND	
	PYRENE	2300	ND		0.57 J		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		1.1 J		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB001-70001		PAV-SB001-70002		PAV-SB002-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/27/98		08/27/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	59.4 J-		43.3 J-		89.9	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	12.6 J-		25.2 J-		ND	
	CHROMIUM, TOTAL	230	15.5 J-		15.2 J-		14.0	
	LEAD, TOTAL	400	ND		ND		24.6	
	NICKEL, TOTAL	1600	19.1 J-		20.4 J-		20.0	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	15.1 J-	X	18.8 J-	X	8.9	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB002-70001	PAV-SB002-70002	PAV-SB003-40001					
Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1					
Collected Date	08/28/98	08/28/98	08/28/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB002-70001		PAV-SB002-70002		PAV-SB003-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	94.0		110		119	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		1.2	
	CHROMIUM, TOTAL	230	17.4		25.1		14.6	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	22.9		66.7		22.8	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	9.1	X	9.4	X	11.9	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB003-70001	PAV-SB003-70002	PAV-SB004-40001					
Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1					
Collected Date	08/28/98	08/28/98	08/28/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	0.45 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	0.90 J		ND		0.78 J	
	PYRENE	2300	0.55 J		ND		0.51 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	0.67 J		ND		0.52 J	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB003-70001		PAV-SB003-70002		PAV-SB004-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.56		1.1 J	X	0.052	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	77.9		104		87.7	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		1.2	
	CHROMIUM, TOTAL	230	15.6		15.5		102	
	LEAD, TOTAL	400	50.3		26.0		42.2	
	NICKEL, TOTAL	1600	24.2		23.7		23.3	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		0.39	
	ARSENIC, TOTAL	.43	15.2	X	18.1	X	14.6	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB004-70001	PAV-SB004-70002	PAV-SB004-70003					
Depth - ft bgs	1.5 - 3.5	4 - 6	9 - 10					
Collected Date	08/28/98	08/28/98	08/28/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	0.48 J		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB004-70001		PAV-SB004-70002		PAV-SB004-70003	
		Depth - ft bgs	1.5 - 3.5		4 - 6		9 - 10	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	112		138		161	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		15.8	
	CHROMIUM, TOTAL	230	16.2		15.6		15.6	
	LEAD, TOTAL	400	33.5		ND		ND	
	NICKEL, TOTAL	1600	23.2		21.2		22.4	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	7.7	X	9.0	X	9.4	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB005-40001	PAV-SB005-70001	PAV-SB005-70002					
Depth - ft bgs	0 - 1	1.5 - 3.5	4 - 6					
Collected Date	08/26/98	08/26/98	08/26/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	0.51 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	0.89 J		ND		ND	
	PYRENE	2300	0.66 J		ND		ND	
	BENZO(A)ANTHRACENE	.87	0.46 J		ND		ND	
	BENZO(B)FLUORANTHENE	.87	0.84 J		ND		ND	
	CHRYSENE	87	0.39 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB005-40001		PAV-SB005-70001		PAV-SB005-70002	
		Depth - ft bgs	0 - 1		1.5 - 3.5		4 - 6	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	0.50 J	X	ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.13 J-		ND		0.41 J-	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	73.8 J-		88.6 J-		76.7 J-	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	19.1 J-		15.7 J-		14.7 J-	
	CHROMIUM, TOTAL	230	249 J-	X	19.7 J-		19.1 J-	
	LEAD, TOTAL	400	28.7 J-		ND		ND	
	NICKEL, TOTAL	1600	34.8 J-		30.0 J-		24.5 J-	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	17.8 J-	X	13.9 J-	X	13.1 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB005-70003	PAV-SB006-40001	PAV-SB006-70001					
Depth - ft bgs	9 - 11	0 - 1	1.5 - 3.5					
Collected Date	08/26/98	08/26/98	08/26/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		0.12 R		0.12 R	
	2-BUTANONE	47000	ND		0.12 R		0.12 R	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.51 J		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB005-70003		PAV-SB006-40001		PAV-SB006-70001	
		Depth - ft bgs	9 - 11		0 - 1		1.5 - 3.5	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.29 J-					
	AROCLOR-1260	1	ND					
METAL	BARIUM, TOTAL	5500	239 J-		81.4 J		77.9 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	19.1 J-		16.0 J		16.7 J	
	CHROMIUM, TOTAL	230	20.0 J-		18.7 J		18.9 J	
	LEAD, TOTAL	400	ND		67.0 J		ND	
	NICKEL, TOTAL	1600	26.0 J-		23.1 J		24.3 J	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	15.4 J-	X	14.6 J	X	16.0 J	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB006-70002	PAV-SB006-70003	PAV-SB007-40001					
Depth - ft bgs	4 - 6	9 - 11	0 - 1					
Collected Date	08/26/98	08/26/98	08/26/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	0.12 R		0.13 R		0.11 R	
	2-BUTANONE	47000	0.12 R		0.13 R		0.11 R	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		0.41	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB006-70002		PAV-SB006-70003		PAV-SB007-40001	
		Depth - ft bgs	4 - 6		9 - 11		0 - 1	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	66.1 J		130 J		71.6 J	
	BERYLLIUM, TOTAL	160	ND		1.7 J		ND	
	CADMIUM, TOTAL	39	11.5 J		14.5 J		15.6 J	
	CHROMIUM, TOTAL	230	10.9 J		18.4 J		33.9 J	
	LEAD, TOTAL	400	68.1 J		ND		31.2 J	
	NICKEL, TOTAL	1600	21.7 J		23.6 J		27.2 J	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	8.4 J	X	8.0 J	X	15.7 J	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB007-70001	PAV-SB007-70002	PAV-SB008-40001					
Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1					
Collected Date	08/26/98	08/26/98	08/26/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		0.11 R	
	2-BUTANONE	47000	ND		ND		0.11 R	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		0.60 J		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.88 J		0.50 J	
	PYRENE	2300	ND		0.73 J		0.40 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		0.63 J		ND	
	CHRYSENE	87	ND		0.44 J		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB007-70001	PAV-SB007-70002	PAV-SB008-40001			
		Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1			
		Collected Date	08/26/98	08/26/98	08/26/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	77.5		104		138 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.8		18.4		18.4 J	
	CHROMIUM, TOTAL	230	17.3		25.5		23.0 J	
	LEAD, TOTAL	400	25.2		50.8		56.3 J	
	NICKEL, TOTAL	1600	25.0		34.2		29.5 J	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.4	X	16.1	X	20.5 J	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

Table 4-3
Summary of Analytical Results

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB008-70001	PAV-SB008-70002	PAV-SB009-40001					
Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1					
Collected Date	08/26/98	08/26/98	08/27/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		0.89 J	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		1.5 J	
	PYRENE	2300	ND		ND		0.89 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		0.43 J	
	BENZO(B)FLUORANTHENE	.87	ND		ND		0.64 J	
	CHRYSENE	87	ND		0.84 J		0.40 J	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB008-70001	PAV-SB008-70002	PAV-SB009-40001			
		Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1			
		Collected Date	08/26/98	08/26/98	08/27/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	83.5		83.8		76.2	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.7		14.0		ND	
	CHROMIUM, TOTAL	230	18.3		18.8		18.8	
	LEAD, TOTAL	400	ND		31.9		26.3	
	NICKEL, TOTAL	1600	28.0		23.4		28.1	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		0.32		ND	
	ARSENIC, TOTAL	.43	13.8	X	12.1	X	14.6	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB009-70001	PAV-SB009-70002	PAV-SB010-40001					
Depth - ft bgs	1.5 - 3.5	4 - 6	0 - 1					
Collected Date	08/27/98	08/27/98	08/28/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	0.27		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	1.2 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB009-70001		PAV-SB009-70002		PAV-SB010-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/27/98		08/27/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	116		117		79.6	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	16.2		15.3		24.5	
	LEAD, TOTAL	400	ND		ND		31.0	
	NICKEL, TOTAL	1600	23.5		20.1		26.4	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	6.1	X	5.3	X	12.3	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB010-70001	PAV-SB010-70002	PAV-SB010-70003					
Depth - ft bgs	1.5 - 3.5	4 - 6	9 - 10					
Collected Date	08/28/98	08/28/98	08/28/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	0.28		0.15		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	1.4 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	0.78 J		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	2.0 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB010-70001		PAV-SB010-70002		PAV-SB010-70003	
		Depth - ft bgs	1.5 - 3.5		4 - 6		9 - 10	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	128		116		250	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	16.6		ND		ND	
	CHROMIUM, TOTAL	230	18.5		14.7		20.4	
	LEAD, TOTAL	400	78.6		ND		ND	
	NICKEL, TOTAL	1600	30.9		21.2		29.0	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	0.50		ND		ND	
	ARSENIC, TOTAL	.43	16.6	X	6.2	X	6.9	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB062-40001	PAV-SB062-70001	PAV-SB062-70002					
Depth - ft bgs	0 - 1	1.5 - 3.5	4 - 6					
Collected Date	08/27/98	08/27/98	08/27/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB062-40001	PAV-SB062-70001	PAV-SB062-70002			
		Depth - ft bgs	0 - 1	1.5 - 3.5	4 - 6			
		Collected Date	08/27/98	08/27/98	08/27/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	112 J-		49.3 J-		147 J-	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	26.2 J-		14.5 J-		12.9 J-	
	CHROMIUM, TOTAL	230	19.5 J-		14.8 J-		19.6 J-	
	LEAD, TOTAL	400	83.8 J-		ND		34.9 J-	
	NICKEL, TOTAL	1600	27.6 J-		20.0 J-		20.4 J-	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		1.2 J	
	ARSENIC, TOTAL	.43	14.2 J-	X	14.6 J-	X	9.2 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		14	
PRA Description		POND	
Sample Type		Field Duplicate (Rep)	Normal Sample
Sample Id	PAV-SB062-70003	PAV-SD010-31001	PAV-SD003-30001
Depth - ft bgs	9 - 11	0 - 1	0 - 1
Collected Date	08/27/98	09/03/98	09/03/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	1.3 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	2.9 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			14			
		PRA Description			POND			
		Sample Type			Field Duplicate (Rep)		Normal Sample	
		Sample Id	PAV-SB062-70003		PAV-SD010-31001		PAV-SD003-30001	
		Depth - ft bgs	9 - 11		0 - 1		0 - 1	
		Collected Date	08/27/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1			0.14 J		0.30 J	
	AROCLOR-1260	1			ND		ND	
METAL	BARIUM, TOTAL	5500	125		37.1 J		94.6 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	11.3		ND		ND	
	CHROMIUM, TOTAL	230	13.0		ND		20.0 J	
	LEAD, TOTAL	400	61.0		ND		ND	
	NICKEL, TOTAL	1600	28.6		ND		35.5 J	
	SILVER, TOTAL	390	ND		6.6 R		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.4	X	4.3 J	X	16.9 J	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SD004-30001	PAV-SD005-30001	PAV-SD006-30001					
Depth - ft bgs	0 - 1	0 - 1	0 - 1					
Collected Date	09/03/98	09/03/98	09/03/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SD004-30001		PAV-SD005-30001		PAV-SD006-30001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.48 J		1.1 J	X	0.81 J	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	93.6 J		133 J		97.2 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	18.6 J		28.2 J		20.7 J	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	ND		34.5 J		ND	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	12.5 J	X	16.5 J	X	12.0 J	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SD007-30001	PAV-SD008-30001	PAV-SD009-30001					
Depth - ft bgs	0 - 1	0 - 1	0 - 1					
Collected Date	09/03/98	09/03/98	09/04/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SD007-30001		PAV-SD008-30001		PAV-SD009-30001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/03/98		09/03/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	1.3 J	X	2.7 J	X	0.56	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	101 J		71.9 J		96.8	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		19.6	
	CHROMIUM, TOTAL	230	20.0 J		15.5 J		27.4	
	LEAD, TOTAL	400	ND		ND		128	
	NICKEL, TOTAL	1600	ND		ND		36.5	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		2.0	
	ARSENIC, TOTAL	.43	10.6 J	X	6.0 J	X	42.3 J-	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		15	
PRA Description		FORMER DRAINAGE CHANNEL (MANMADE DITCH)	
Sample Type		Field Duplicate (Rep)	Normal Sample
Sample Id	PAV-SD010-30001	PAV-SD001-31001	PAV-SB011-70001
Depth - ft bgs	0 - 1	0 - 1	2 - 4
Collected Date	09/03/98	08/31/98	08/31/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		0.020	
	TOLUENE	16000	ND		ND		0.012	
	ETHYLBENZENE	7800	ND		ND		0.006	
	XYLENE (TOTAL)	160000	ND		ND		0.046	
	ACETONE	7800	ND					
	2-BUTANONE	47000	ND					
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	15					
		PRA Description	FORMER DRAINAGE CHANNEL (MANMADE DITCH)					
		Sample Type	Field Duplicate (Rep)			Normal Sample		
		Sample Id	PAV-SD010-30001	PAV-SD001-31001			PAV-SB011-70001	
		Depth - ft bgs	0 - 1	0 - 1			2 - 4	
		Collected Date	09/03/98	08/31/98			08/31/98	
		Laboratory	RECRA	RECRA			RECRA	
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant			Civil & Environmental Consultant	
		Result Units	MG/KG	MG/KG			MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.11 J		0.22 J		0.50	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	85.3 J					
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	14.7 J					
	LEAD, TOTAL	400	ND					
	NICKEL, TOTAL	1600	ND					
	SILVER, TOTAL	390	5.5 R					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	10.0 J	X				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB011-70002	PAV-SB011-70003	PAV-SB012-70001					
Depth - ft bgs	4 - 6	9 - 11	2 - 4					
Collected Date	08/31/98	08/31/98	08/31/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	0.057		ND		ND	
	XYLENE (TOTAL)	160000	0.11		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB011-70002		PAV-SB011-70003		PAV-SB012-70001	
		Depth - ft bgs	4 - 6		9 - 11		2 - 4	
		Collected Date	08/31/98		08/31/98		08/31/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.060		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB012-70002		PAV-SB013-70001		PAV-SB013-70002	
		Depth - ft bgs	4 - 6		2 - 4		4 - 6	
		Collected Date	08/31/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB012-70002		PAV-SB013-70001		PAV-SB013-70002	
		Depth - ft bgs	4 - 6		2 - 4		4 - 6	
		Collected Date	08/31/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			16			
		PRA Description			ESD BLOWDOWNS			
		Sample Type			Normal Sample			
		Sample Id	PAV-SD001-30001	PAV-SD002-30001	PAV-SS009-40001			
		Depth - ft bgs	0 - 1	0 - 1	0 - 1			
		Collected Date	08/31/98	08/31/98	09/03/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			16			
		PRA Description			ESD BLOWDOWNS			
		Sample Type			Normal Sample			
		Sample Id	PAV-SD001-30001	PAV-SD002-30001	PAV-SS009-40001			
		Depth - ft bgs	0 - 1	0 - 1	0 - 1			
		Collected Date	08/31/98	08/31/98	09/03/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND			
	BENZO(G,H,I)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1254	1	1.9 J	X	1.3 J	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS011-40001	PAV-SS012-40001	PAV-SS016-40001					
Depth - ft bgs	0 - 1	0 - 1	0 - 1					
Collected Date	09/02/98	09/02/98	09/03/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS011-40001		PAV-SS012-40001		PAV-SS016-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/02/98		09/02/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.19	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA	17	18	
PRA Description	PALL TRINITY BLOWDOWN	AIR RECIEVER TANK BLOWDOWNS	
Sample Type	Normal Sample	Normal Sample	
Sample Id	PAV-SU017-70001	PAV-SS001-40001	PAV-SS002-40001
Depth - ft bgs	6 - 7	0 - 0.5	0 - 0.5
Collected Date	09/05/98	08/25/98	08/25/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND					
	TOLUENE	16000	ND					
	ETHYLBENZENE	7800	ND					
	XYLENE (TOTAL)	160000	ND					
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	17	18				
		PRA Description	PALL TRINITY BLOWDOWN	AIR RECIEVER TANK BLOWDOWNS				
		Sample Type	Normal Sample	Normal Sample				
		Sample Id	PAV-SU017-70001	PAV-SS001-40001		PAV-SS002-40001		
		Depth - ft bgs	6 - 7	0 - 0.5		0 - 0.5		
		Collected Date	09/05/98	08/25/98		08/25/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		0.38		0.11	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			19			
		PRA Description			SCRUBBER LIQUID REMOVAL			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS003-40001	PAV-SS004-40001	PAV-SS010-40001			
		Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 1			
		Collected Date	08/25/98	08/25/98	09/08/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					ND	
	TOLUENE	16000					ND	
	ETHYLBENZENE	7800					ND	
	XYLENE (TOTAL)	160000					ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					1.9 R	
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			19			
		PRA Description			SCRUBBER LIQUID REMOVAL			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS003-40001	PAV-SS004-40001	PAV-SS010-40001			
		Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 1			
		Collected Date	08/25/98	08/25/98	09/08/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087					ND	
	BENZO(G,H,I)PERYLENE	2300					ND	
	INDENO(1,2,3-CD)PYRENE	.87					ND	
P/PCB	AROCLOR-1254	1	11	X	ND		0.11	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			21			
		PRA Description POINTS			GLYCOL DRIP LIQUID REMOV.			
		Sample Type			Field Duplicate (Rep)			
		Sample Id	PAV-SS014-40001	PAV-SS015-40001	PAV-SS005-41001			
		Depth - ft bgs	0 - 1	0 - 1	0 - 1			
		Collected Date	09/04/98	09/08/98	08/25/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.018		0.007		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			21			
		PRA Description POINTS			GLYCOL DRIP LIQUID REMOV.			
		Sample Type			Field Duplicate (Rep)			
		Sample Id	PAV-SS014-40001	PAV-SS015-40001	PAV-SS005-41001			
		Depth - ft bgs	0 - 1	0 - 1	0 - 1			
		Collected Date	09/04/98	09/08/98	08/25/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1	1.1	X	0.067			
	AROCLOR-1260	1	ND		ND			
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43					7.2 J	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			22			
		PRA Description	AL POINT			FORMER 98, 99 REGULATOR BU		
		Sample Type	Normal Sample			Normal Sample		
		Sample Id	PAV-SS005-40001		PAV-SS081-40001	PAV-SS017-40001		
		Depth - ft bgs	0 - 1		0 - 1	0 - 0.5		
		Collected Date	08/25/98		08/25/98	09/08/98		
		Laboratory	RECRA		RECRA	RECRA		
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant	Civil & Environmental Consultant		
		Result Units	MG/KG		MG/KG	MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND			
	TOLUENE	16000	ND		ND			
	ETHYLBENZENE	7800	ND		ND			
	XYLENE (TOTAL)	160000	ND		ND			
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA				22		
		PRA Description	AL POINT				FORMER 98, 99 REGULATOR BU	
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SS005-40001		PAV-SS081-40001		PAV-SS017-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 0.5	
		Collected Date	08/25/98		08/25/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant:		Civil & Environmental Consultant:		Civil & Environmental Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20					ND	
	ARSENIC, TOTAL	.43	14.8 J	X	31.0 J	X		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		23	
PRA Description UILDING		FORMER MEASUREMENT BUILDING	
Sample Type		Normal Sample	
Sample Id	PAV-SS018-40001	PAV-SS019-40001	PAV-SS020-40001
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5
Collected Date	09/08/98	09/04/98	09/04/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			23				
		PRA Description			UILDING			FORMER MEASUREMENT BUILDING	
		Sample Type			Normal Sample				
		Sample Id	PAV-SS018-40001		PAV-SS019-40001		PAV-SS020-40001		
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5		
		Collected Date	09/08/98		09/04/98		09/04/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1							
	AROCLOR-1260	1							
METAL	BARIIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20	ND		4.1		ND		
	ARSENIC, TOTAL	.43							

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA	24		
PRA Description	MEASUREMENT/REGULATION BUILDING		
Sample Type	Normal Sample		
Sample Id	PAV-SS021-40001	PAV-SS022-40001	PAV-SS023-40001
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5
Collected Date	09/02/98	09/02/98	09/02/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	24					
		PRA Description	MEASUREMENT/REGULATION BUILDING					
		Sample Type	Normal Sample					
		Sample Id	PAV-SS021-40001	PAV-SS022-40001	PAV-SS023-40001			
		Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5			
		Collected Date	09/02/98	09/02/98	09/02/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS024-40001	PAV-SS025-40001	PAV-SS026-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS024-40001		PAV-SS025-40001		PAV-SS026-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS027-40001	PAV-SS028-40001	PAV-SS029-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS027-40001		PAV-SS028-40001		PAV-SS029-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	0.90		ND		ND	
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS030-40001	PAV-SS031-40001	PAV-SS032-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS030-40001		PAV-SS031-40001		PAV-SS032-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	1.9		ND		ND	
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS033-40001	PAV-SS034-40001	PAV-SS082-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS033-40001		PAV-SS034-40001		PAV-SS082-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	ND		ND		0.32	
	ARSENIC, TOTAL	.43						

Notes:

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		25	
PRA Description		FENCE LINE	
Sample Type		Normal Sample	
Sample Id	PAV-SS083-40001	PAV-SS035-40001	PAV-SS036-40001
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5
Collected Date	09/02/98	08/28/98	09/01/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	25					
		PRA Description	FENCE LINE					
		Sample Type	Normal Sample					
		Sample Id	PAV-SS083-40001	PAV-SS035-40001		PAV-SS036-40001		
		Depth - ft bgs	0 - 0.5	0 - 0.5		0 - 0.5		
		Collected Date	09/02/98	08/28/98		09/01/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1			0.32		ND	
	AROCLOR-1260	1			ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	0.26					
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS037-40001	PAV-SS038-40001	PAV-SS039-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/01/98	09/01/98	09/01/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS037-40001		PAV-SS038-40001		PAV-SS039-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		0.36		0.066	
	AROCLOR-1260	1	0.22		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS040-40001	PAV-SS041-40001	PAV-SS042-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/01/98	09/01/98	09/01/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS040-40001		PAV-SS041-40001		PAV-SS042-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.13		0.32		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS043-40001		PAV-SS044-40001		PAV-SS045-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS043-40001		PAV-SS044-40001		PAV-SS045-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS046-40001	PAV-SS047-40001	PAV-SS048-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/01/98	09/01/98	09/01/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS046-40001		PAV-SS047-40001		PAV-SS048-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		26	
PRA Description		PIPE STORAGE AREA	
Sample Type		Normal Sample	
Sample Id	PAV-SS049-40001	PAV-SS050-40001	PAV-SS051-40001
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5
Collected Date	09/01/98	09/02/98	09/02/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	26					
		PRA Description	PIPE STORAGE AREA					
		Sample Type	Normal Sample					
		Sample Id	PAV-SS049-40001	PAV-SS050-40001		PAV-SS051-40001		
		Depth - ft bgs	0 - 0.5	0 - 0.5		0 - 0.5		
		Collected Date	09/01/98	09/02/98		09/02/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.19		ND		0.35	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SS052-40001	PAV-SS053-40001	PAV-SS054-40001					
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 0.5					
Collected Date	09/02/98	09/02/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS052-40001		PAV-SS053-40001		PAV-SS054-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.14		1.6	X	0.066	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		27	
PRA Description		FIN FANS	
Sample Type		Normal Sample	
Sample Id	PAV-SS055-40001	PAV-SB032-40001	PAV-SB032-70001
Depth - ft bgs	0 - 0.5	0 - 1	2.5 - 2.5
Collected Date	09/02/98	09/03/98	09/03/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12			ND		ND	
	TOLUENE	16000			ND		ND	
	ETHYLBENZENE	7800			ND		ND	
	XYLENE (TOTAL)	160000			ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	27					
		PRA Description	FIN FANS					
		Sample Type	Normal Sample					
		Sample Id	PAV-SS055-40001	PAV-SB032-40001		PAV-SB032-70001		
		Depth - ft bgs	0 - 0.5	0 - 1		2.5 - 2.5		
		Collected Date	09/02/98	09/03/98		09/03/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.10		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB033-40001	PAV-SB033-70001	PAV-SB034-40001					
Depth - ft bgs	0 - 1	2.5 - 2.5	0 - 1					
Collected Date	09/03/98	09/03/98	09/03/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB033-40001	PAV-SB033-70001	PAV-SB033-70001	PAV-SB034-40001	PAV-SB034-40001	PAV-SB034-40001
		Depth - ft bgs	0 - 1	2.5 - 2.5	2.5 - 2.5	0 - 1	0 - 1	0 - 1
		Collected Date	09/03/98	09/03/98	09/03/98	09/03/98	09/03/98	09/03/98
		Laboratory	RECRA	RECRA	RECRA	RECRA	RECRA	RECRA
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
		Result Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.072	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB034-70001	PAV-SB035-40001	PAV-SB035-70001					
Depth - ft bgs	2.5 - 2.5	0 - 1	2.5 - 2.5					
Collected Date	09/03/98	09/04/98	09/04/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.006		0.035		0.014	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB034-70001		PAV-SB035-40001		PAV-SB035-70001	
		Depth - ft bgs	2.5 - 2.5		0 - 1		2.5 - 2.5	
		Collected Date	09/03/98		09/04/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

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Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB036-40001	PAV-SB036-70001	PAV-SB037-40001					
Depth - ft bgs	0 - 1	2.5 - 2.5	0 - 1					
Collected Date	09/04/98	09/04/98	09/04/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.022		0.011	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB036-40001	PAV-SB036-70001	PAV-SB037-40001			
		Depth - ft bgs	0 - 1	2.5 - 2.5	0 - 1			
		Collected Date	09/04/98	09/04/98	09/04/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			29		30	
		PRA Description			UTILITY BLDG. OIL SKIMMER		FORMER MFG. GASOLINE PLANT	
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	PAV-SB037-70001		PAV-SD011-30001		PAV-SB038-40001	
		Depth - ft bgs	2.5 - 2.5		0 - 1		0 - 1	
		Collected Date	09/04/98		09/03/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800			ND			
	2-BUTANONE	47000			ND			
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	29			30		
		PRA Description	UTILITY BLDG. OIL SKIMMER			FORMER MFG. GASOLINE PL		
		Sample Type	Normal Sample			Normal Sample		
		Sample Id	PAV-SB037-70001			PAV-SD011-30001		
		Depth - ft bgs	2.5 - 2.5			0 - 1		
		Collected Date	09/04/98			09/03/98		
		Laboratory	RECRA			RECRA		
		Sample Collector	Civil & Environmental Consultant			Civil & Environmental Consultant		
		Result Units	MG/KG			MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500			122 J-			
	BERYLLIUM, TOTAL	160			ND			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			7.3 J-			
	LEAD, TOTAL	400			ND			
	NICKEL, TOTAL	1600			19.4 J-			
	SILVER, TOTAL	390			2.9 R			
	MERCURY, TOTAL	20			ND			
	ARSENIC, TOTAL	.43			22.2 J-	X		

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description		NT HORIZONTAL ATS (VOLUME UNKNOWN)						
Sample Type								
Sample Id	PAV-SB038-70001		PAV-SB039-40001		PAV-SB039-70001			
Depth - ft bgs	2 - 4		0 - 1		2 - 4			
Collected Date	09/08/98		09/09/98		09/09/98			
Laboratory	RECRA		RECRA		RECRA			
Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant			
Result Units	MG/KG		MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description NT HORIZONTAL ATS (VOLUME UNKNOWN)						
		Sample Type						
		Sample Id	PAV-SB038-70001		PAV-SB039-40001		PAV-SB039-70001	
		Depth - ft bgs	2 - 4		0 - 1		2 - 4	
		Collected Date	09/08/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB040-40001	PAV-SB040-70001	PAV-SB041-40001					
Depth - ft bgs	0 - 1	2 - 4	0 - 1					
Collected Date	09/09/98	09/09/98	09/08/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.016		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB040-40001		PAV-SB040-70001		PAV-SB041-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/09/98		09/09/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB041-70001	PAV-SB042-40001	PAV-SB042-70001					
Depth - ft bgs	2 - 4	0 - 1	2 - 4					
Collected Date	09/08/98	09/08/98	09/08/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB041-70001		PAV-SB042-40001		PAV-SB042-70001	
		Depth - ft bgs	2 - 4		0 - 1		2 - 4	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB043-40001		PAV-SB043-70001		PAV-SB044-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		0.010	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB043-40001		PAV-SB043-70001		PAV-SB044-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA			31
PRA Description			FORMER MFG. GASOLINE PLANT
Sample Type			Field Duplicate (Rep)
Sample Id	PAV-SB044-70001	PAV-SB044-70002	PAV-SB045-71001
Depth - ft bgs	2 - 4	4 - 6	2 - 4
Collected Date	09/08/98	09/08/98	09/04/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA			31			
		PRA Description			FORMER MFG. GASOLINE PLANT			
		Sample Type			Field Duplicate (Rep)			
		Sample Id	PAV-SB044-70001	PAV-SB044-70002	PAV-SB045-71001			
		Depth - ft bgs	2 - 4	4 - 6	2 - 4			
		Collected Date	09/08/98	09/08/98	09/04/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description		NT VERTICAL ATS (VOLUME UNKNOWN)						
Sample Type		Normal Sample						
Sample Id	PAV-SB045-71003	PAV-SB045-40001	PAV-SB045-70001					
Depth - ft bgs	9 - 11	0 - 1	2 - 4					
Collected Date	09/04/98	09/04/98	09/04/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.022 J		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description	NT VERTICAL ATS (VOLUME UNKNOWN)					
		Sample Type	Normal Sample					
		Sample Id	PAV-SB045-71003	PAV-SB045-40001	PAV-SB045-70001			
		Depth - ft bgs	9 - 11	0 - 1	2 - 4			
		Collected Date	09/04/98	09/04/98	09/04/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB045-70002		PAV-SB045-70003		PAV-SB046-40001	
		Depth - ft bgs	4 - 6		9 - 11		0 - 1	
		Collected Date	09/04/98		09/04/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.008		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB045-70002	PAV-SB045-70003	PAV-SB046-40001			
		Depth - ft bgs	4 - 6	9 - 11	0 - 1			
		Collected Date	09/04/98	09/04/98	09/08/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB046-70001	PAV-SB046-70002	PAV-SB046-70003					
Depth - ft bgs	2 - 4	4 - 6	9 - 11					
Collected Date	09/08/98	09/08/98	09/08/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.096		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB046-70001	PAV-SB046-70002	PAV-SB046-70003			
		Depth - ft bgs	2 - 4	4 - 6	9 - 11			
		Collected Date	09/08/98	09/08/98	09/08/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA	32		
PRA Description	FORMER MFG. GASOLINE PLANT ABSORBERS		
Sample Type	Normal Sample		
Sample Id	PAV-SB047-40001	PAV-SB047-70001	PAV-SB047-70002
Depth - ft bgs	0 - 1	2 - 4	4 - 6
Collected Date	09/09/98	09/09/98	09/09/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	32					
		PRA Description	FORMER MFG. GASOLINE PLANT ABSORBERS					
		Sample Type	Normal Sample					
		Sample Id	PAV-SB047-40001	PAV-SB047-70001		PAV-SB047-70002		
		Depth - ft bgs	0 - 1	2 - 4		4 - 6		
		Collected Date	09/09/98	09/09/98		09/09/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB047-70003		PAV-SB048-40001		PAV-SB048-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB047-70003	PAV-SB048-40001	PAV-SB048-70001			
		Depth - ft bgs	9 - 11	0 - 1	2 - 4			
		Collected Date	09/09/98	09/09/98	09/09/98			
		Laboratory	RECRA	RECRA	RECRA			
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

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Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA		33	
PRA Description		FORMER MFG. GASOLINE PLANT BUILDINGS	
Sample Type		Normal Sample	
Sample Id	PAV-SB048-70002	PAV-SB049-40001	PAV-SB049-70001
Depth - ft bgs	4 - 6	0 - 1	2 - 4
Collected Date	09/09/98	09/09/98	09/09/98
Laboratory	RECRA	RECRA	RECRA
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant
Result Units	MG/KG	MG/KG	MG/KG

Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.008		ND	
	ETHYLBENZENE	7800	0.026		ND		ND	
	XYLENE (TOTAL)	160000	0.075		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	33					
		PRA Description	FORMER MFG. GASOLINE PLANT BUILDINGS					
		Sample Type	Normal Sample					
		Sample Id	PAV-SB048-70002	PAV-SB049-40001		PAV-SB049-70001		
		Depth - ft bgs	4 - 6	0 - 1		2 - 4		
		Collected Date	09/09/98	09/09/98		09/09/98		
		Laboratory	RECRA	RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

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Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB049-70002	PAV-SB050-40001	PAV-SB050-70001					
Depth - ft bgs	4 - 6	0 - 1	2 - 4					
Collected Date	09/09/98	09/09/98	09/09/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.007		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		0.013		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

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Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB049-70002		PAV-SB050-40001		PAV-SB050-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB050-70002	PAV-SB051-40001	PAV-SB051-70001					
Depth - ft bgs	4 - 6	0 - 1	2 - 4					
Collected Date	09/09/98	09/09/98	09/09/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultant	Civil & Environmental Consultant	Civil & Environmental Consultant					
Result Units	MG/KG	MG/KG	MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		0.016	
	XYLENE (TOTAL)	160000	ND		ND		0.067	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

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J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB050-70002		PAV-SB051-40001		PAV-SB051-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA		
		PRA Description		
		Sample Type		
		Sample Id	PAV-SB051-70002	
		Depth - ft bgs	4 - 6	
		Collected Date	09/09/98	
		Laboratory	RECRA	
		Sample Collector	Civil & Environmental Consultant:	
		Result Units	MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*
VOA	BENZENE	12	ND	
	TOLUENE	16000	ND	
	ETHYLBENZENE	7800	0.012	
	XYLENE (TOTAL)	160000	ND	
	ACETONE	7800		
	2-BUTANONE	47000		
BNA	NAPHTHALENE	1600		
	ACENAPHTHENE	4700		
	FLUORENE	3100		
	PHENANTHRENE	23000		
	ANTHRACENE	23000		
	FLUORANTHENE	3100		
	PYRENE	2300		
	BENZO(A)ANTHRACENE	.87		
	BENZO(B)FLUORANTHENE	.87		
	CHRYSENE	87		
	BENZO(K)FLUORANTHENE	8.7		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA		
		PRA Description		
		Sample Type		
		Sample Id	PAV-SB051-70002	
		Depth - ft bgs	4 - 6	
		Collected Date	09/09/98	
		Laboratory	RECRA	
		Sample Collector	Civil & Environmental Consultant:	
		Result Units	MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*
	BENZO(A)PYRENE	.087		
	BENZO(G,H,I)PERYLENE	2300		
	INDENO(1,2,3-CD)PYRENE	.87		
P/PCB	AROCLOR-1254	1	ND	
	AROCLOR-1260	1	ND	
METAL	BARIUM, TOTAL	5500		
	BERYLLIUM, TOTAL	160		
	CADMIUM, TOTAL	39		
	CHROMIUM, TOTAL	230		
	LEAD, TOTAL	400		
	NICKEL, TOTAL	1600		
	SILVER, TOTAL	390		
	MERCURY, TOTAL	20		
	ARSENIC, TOTAL	.43		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	36					
		PRA Description	AUXILIARY BUILDING-CONCRETE FLOOR					
		Sample Type	Field Duplicate (Rep)		Normal Sample			
		Sample Id	PAV-ACH010-81001		PAV-ACH001-80001		PAV-ACH002-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		0.51	
	AROCLOR-1254	1	0.26		4.7 J	X	1.4	X
	AROCLOR-1260	1	ND		ND		0.44	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH003-80001		PAV-ACH004-80001		PAV-ACH005-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	0.13		ND		ND	
	AROCLOR-1254	1	0.53		0.88		0.47	
	AROCLOR-1260	1	0.19		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH006-80001		PAV-ACH007-80001		PAV-ACH008-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.71		0.48		0.92	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH009-80001		PAV-ACH010-80001		PAV-ACH011-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	2.1	X	0.24		3.4	X
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH012-80001		PAV-ACO001-80001		PAV-ACO001-80002	
		Depth - ft bgs	0 - 0		0 - 0.021		0.031 - 0.052	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	2.0	X	0.53		ND	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO001-80003		PAV-ACO002-80001		PAV-ACO002-80002	
		Depth - ft bgs	0.063 - 0.083		0 - 0.021		0.031 - 0.052	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.48		0.17	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO002-80003	PAV-ACO003-80001	PAV-ACO003-80002			
		Depth - ft bgs	0.063 - 0.083	0 - 0.021	0.031 - 0.052			
		Collected Date	03/21/00	03/21/00	03/21/00			
		Laboratory	CT&E	CT&E	CT&E			
		Sample Collector	Environmental Resource Managem	Environmental Resource Managem	Environmental Resource Managem			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.69		1.0		ND	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA	37					
		PRA Description	COMPRESSOR BUILDING TOP FLOOR-CONCRETE FLOOR					
		Sample Type	Normal Sample					
		Sample Id	PAV-ACO003-80003	PAV-ACH013-80001		PAV-ACH014-80001		
		Depth - ft bgs	0.063 - 0.083	0 - 0		0 - 0		
		Collected Date	03/21/00	03/22/00		03/22/00		
		Laboratory	CT&E	CT&E		CT&E		
		Sample Collector	Environmental Resource Managem	Environmental Resource Managem		Environmental Resource Managem		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.17		0.076	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH015-80001		PAV-ACH016-80001		PAV-ACH017-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		0.078		ND	
	AROCLOR-1254	1	0.25		0.35		0.52	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH018-80001		PAV-ACH019-80001		PAV-ACH020-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.34		0.85		0.21	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH021-80001		PAV-ACO004-80001		PAV-ACO004-80002	
		Depth - ft bgs	0 - 0		0 - 0.021		0.031 - 0.052	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.31		0.12		ND	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO004-80003		PAV-ACO005-80001		PAV-ACO005-80002	
		Depth - ft bgs	0.063 - 0.083		0 - 0.021		0.031 - 0.052	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.035		ND	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO005-80003	PAV-ACO006-80001	PAV-ACO006-80002			
		Depth - ft bgs	0.063 - 0.083	0 - 0.021	0.031 - 0.052			
		Collected Date	03/22/00	03/22/00	03/22/00			
		Laboratory	CT&E	CT&E	CT&E			
		Sample Collector	Environmental Resource Managem	Environmental Resource Managem	Environmental Resource Managem			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		1.5	X	0.067	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA	38					
		PRA Description	STATION OFFICE BUILDING-CONCRETE FLOOR					
		Sample Type	Field Duplicate (Rep)			Normal Sample		
		Sample Id	PAV-ACO006-80003	PAV-ACH026-81001			PAV-ACH025-80001	
		Depth - ft bgs	0.063 - 0.083	0 - 0			0 - 0	
		Collected Date	03/22/00	03/23/00			03/23/00	
		Laboratory	CT&E	CT&E			CT&E	
		Sample Collector	Environmental Resource Managem	Environmental Resource Managem			Environmental Resource Managem	
		Result Units	MG/KG	MG/KG			MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		0.095 J	
	AROCLOR-1254	1	ND		0.52 J		0.27 J	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH026-80001		PAV-ACH027-80001		PAV-ACH028-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/23/00		03/23/00		03/23/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.29 J		0.095		ND	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH029-80001		PAV-ACH030-80001		PAV-ACH031-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/23/00		03/23/00		03/23/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.20		ND		0.044	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO007-80001	PAV-ACO007-80002	PAV-ACO007-80003			
		Depth - ft bgs	0 - 0.021	0.031 - 0.052	0.063 - 0.083			
		Collected Date	03/23/00	03/23/00	03/22/00			
		Laboratory	CT&E	CT&E	CT&E			
		Sample Collector	Environmental Resource Managem	Environmental Resource Managem	Environmental Resource Managem			
		Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.036		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA	39					
		PRA Description	COMPRESSOR BUILDING BASEMENT-CONCRETE FLOOR					
		Sample Type	Normal Sample					
		Sample Id	PAV-ACH022-80001	PAV-ACH023-80001		PAV-ACH024-80001		
		Depth - ft bgs	0 - 0	0 - 0		0 - 0		
		Collected Date	03/22/00	03/22/00		03/22/00		
		Laboratory	CT&E	CT&E		CT&E		
		Sample Collector	Environmental Resource Managem	Environmental Resource Managem		Environmental Resource Managem		
		Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.57		0.054		0.40	
	AROCLOR-1260	1	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

**Table 4-3
Summary of Analytical Results**

		PRA	34					
		PRA Description	AUXILIARY BUILDING-CRANE MOTOR, AIR COMPRESSOR PEDESTAL, WALLS, FLOOR					
		Sample Type	Normal Sample					
		Sample Id	PAV-WP002-90001		PAV-WP003-90001		PAV-WP004-90001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	09/15/98		09/15/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	UG/WIPE		UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCWOR-1254	10	4.3		ND		34	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	35			
		PRA Description	COMPRESSOR BUILDING FLOOR AND DRAINLINE SYSTEM			
		Sample Type	Normal Sample			
		Sample Id	PAV-WP005-90001		PAV-WP006-90001	
		Depth - ft bgs	0 - 0		0 - 0	
		Collected Date	09/15/98		09/15/98	
		Laboratory	RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant:		Civil & Environmental Consultant:	
		Result Units	UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1254	10	ND		3.3	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

**Table 4-3
Summary of Analytical Results**

		PRA	40					
		PRA Description	COMPRESSOR BUILDING BASEMENT-CONCRETE WALLS					
		Sample Type	Normal Sample					
		Sample Id	PAV-AWP001-80001		PAV-AWP002-80001		PAV-AWP003-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem		Environmental Resource Managem	
		Result Units	UG/WIPE		UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCOR-1254	10	ND		ND		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 02, 2001

**Table 4-3
Summary of Analytical Results**

		PRA				
		PRA Description				
		Sample Type				
		Sample Id	PAV-AWP004-80001		PAV-AWP005-80001	
		Depth - ft bgs	0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00	
		Laboratory	CT&E		CT&E	
		Sample Collector	Environmental Resource Managem		Environmental Resource Managem	
		Result Units	UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCOR-1254	10	1.8		ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 02, 2001

**Table 4-3
Summary of Analytical Results**

		PRA	5				12	
		PRA Description	5000-GALLON FORMER PIPELINE LIQUIDS AT				FORMER COOLING POND	
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SU003-60001		PAV-SU004-60001		PAV-SB025-60001	
		Depth - ft bgs	5 - 6		0 - 0		0 - 10	
		Collected Date	09/02/98		09/02/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultants		Civil & Environmental Consultants		Civil & Environmental Consultants	
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND		ND	
BNA	PHENANTHRENE	1800					ND	
P/PCB	AROCLOR-1016	.5	ND		ND		ND	
	AROCLOR-1221	.5	ND		ND		ND	
	AROCLOR-1232	.5	ND		ND		ND	
	AROCLOR-1242	.5	ND		ND		ND	
	AROCLOR-1248	.5	ND		ND		ND	
	AROCLOR-1254	.5	0.64 J	X	ND		ND	
	AROCLOR-1260	.5	ND		ND		ND	
METAL	BARIUM, TOTAL	2000					ND	
	CADMIUM, TOTAL	5					12.0	X
	CHROMIUM, TOTAL	100					17.0	
	LEAD, TOTAL	15					120	X
	NICKEL, TOTAL	100					45.0	
	MERCURY, TOTAL	2					ND	
	ARSENIC, TOTAL	50					15.0	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

Table 4-3
Summary of Analytical Results

PRA								
PRA Description								
Sample Type								
Sample Id	PAV-SB026-60001	PAV-SB027-60001	PAV-SB028-60001					
Depth - ft bgs	0 - 10	0 - 10	0 - 10					
Collected Date	09/01/98	09/01/98	09/02/98					
Laboratory	RECRA	RECRA	RECRA					
Sample Collector	Civil & Environmental Consultants	Civil & Environmental Consultants	Civil & Environmental Consultants					
Result Units	UG/L	UG/L	UG/L					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND		ND	
BNA	PHENANTHRENE	1800	ND		ND		ND	
P/PCB	AROCLOR-1016	.5	ND		ND		ND	
	AROCLOR-1221	.5	ND		ND		ND	
	AROCLOR-1232	.5	ND		ND		ND	
	AROCLOR-1242	.5	ND		ND		ND	
	AROCLOR-1248	.5	ND		ND		ND	
	AROCLOR-1254	.5	ND		ND		ND	
	AROCLOR-1260	.5	ND		ND		ND	
METAL	BARIUM, TOTAL	2000	280		360		550	
	CADMIUM, TOTAL	5	11.0	X	18.0	X	ND	
	CHROMIUM, TOTAL	100	ND		ND		ND	
	LEAD, TOTAL	15	35.0	X	34.0	X	26.0	X
	NICKEL, TOTAL	100	42.0		ND		75.0	
	MERCURY, TOTAL	2	ND		ND		ND	
	ARSENIC, TOTAL	50	14.0		50.0		14.0	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

**Table 4-3
Summary of Analytical Results**

		PRA			13		14		
		PRA Description			FORMER SKIMMER BASIN BUI POND				
		Sample Type			Normal Sample		Field Duplicate (Rep)		
		Sample Id	PAV-SB029-60001		PAV-SB001-60001		PAV-SW002-21001		
		Depth - ft bgs	0 - 10		0 - 10		0 - 0		
		Collected Date	09/02/98		08/27/98		09/03/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultants		Civil & Environmental Consultants		Civil & Environmental Consultants		
		Result Units	UG/L		UG/L		UG/L		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	TOLUENE	1000	ND		8 J		ND		
BNA	PHENANTHRENE	1800	ND		12		ND		
P/PCB	AROCLOR-1016	.5	ND				ND		
	AROCLOR-1221	.5	ND				ND		
	AROCLOR-1232	.5	ND				ND		
	AROCLOR-1242	.5	ND				ND		
	AROCLOR-1248	.5	ND				ND		
	AROCLOR-1254	.5	ND				ND		
	AROCLOR-1260	.5	ND				ND		
METAL	BARIUM, TOTAL	2000	880		1200		ND		
	CADMIUM, TOTAL	5	ND		75.0	X	ND		
	CHROMIUM, TOTAL	100	ND		25.0		ND		
	LEAD, TOTAL	15	6.8		100	X	ND		
	NICKEL, TOTAL	100	56.0		68.0		ND		
	MERCURY, TOTAL	2	ND		0.53		ND		
	ARSENIC, TOTAL	50	42.0		61.0	X	ND		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

**Table 4-3
Summary of Analytical Results**

		PRA				15		
		PRA Description				FORMER DRAINAGE CHANNEL		
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SW001-20001		PAV-SW002-20001		PAV-SB011-60001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 10	
		Collected Date	09/03/98		09/03/98		08/31/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultants		Civil & Environmental Consultants		Civil & Environmental Consultants	
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND		ND	
BNA	PHENANTHRENE	1800	ND		ND		ND	
P/PCB	AROCLOR-1016	.5	ND		ND			
	AROCLOR-1221	.5	ND		ND			
	AROCLOR-1232	.5	ND		ND			
	AROCLOR-1242	.5	ND		ND			
	AROCLOR-1248	.5	ND		ND			
	AROCLOR-1254	.5	ND		ND			
	AROCLOR-1260	.5	ND		ND			
METAL	BARIUM, TOTAL	2000	ND		ND			
	CADMIUM, TOTAL	5	ND		ND			
	CHROMIUM, TOTAL	100	ND		ND			
	LEAD, TOTAL	15	ND		ND			
	NICKEL, TOTAL	100	ND		ND			
	MERCURY, TOTAL	2	ND		ND			
	ARSENIC, TOTAL	50	ND		ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

**Table 4-3
Summary of Analytical Results**

		PRA			28			
		PRA Description (MANMADE DITCH)			WATER WELLS #1 AND #2			
		Sample Type			Field Duplicate (Rep)			
		Sample Id	PAV-SB012-60001	PAV-SB013-60001	PAV-BMW002-61001			
		Depth - ft bgs	0 - 10	0 - 10	0 - 0			
		Collected Date	08/31/98	09/01/98	03/23/01			
		Laboratory	RECRA	RECRA	CT&E			
		Sample Collector	Civil & Environmental Consultants	Civil & Environmental Consultants	Civil & Environmental Consultants			
		Result Units	UG/L	UG/L	UG/L			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND			
BNA	PHENANTHRENE	1800	ND		ND			
P/PCB	AROCLOR-1016	.5	ND		ND			
	AROCLOR-1221	.5	ND		ND			
	AROCLOR-1232	.5	ND		ND			
	AROCLOR-1242	.5	ND		ND			
	AROCLOR-1248	.5	ND		ND			
	AROCLOR-1254	.5	ND		ND			
	AROCLOR-1260	.5	ND		ND			
METAL	BARIUM, TOTAL	2000						
	CADMIUM, TOTAL	5						
	CHROMIUM, TOTAL	100						
	LEAD, TOTAL	15					17.0 J	X
	NICKEL, TOTAL	100						
	MERCURY, TOTAL	2						
	ARSENIC, TOTAL	50						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

**Table 4-3
Summary of Analytical Results**

PRA								
PRA Description								
Sample Type		Filtered Sample						
Sample Id	PAV-CPW001-61001	PAV-BMW002-65001	PAV-CPW001-65001					
Depth - ft bgs	0 - 0	0 - 0	0 - 0					
Collected Date	04/04/01	03/23/01	04/04/01					
Laboratory	SPL Laboratories, Inc.	CT&E	SPL Laboratories, Inc.					
Sample Collector	Civil & Environmental Consultants	Civil & Environmental Consultants	Civil & Environmental Consultants					
Result Units	UG/L	UG/L	UG/L					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000						
BNA	PHENANTHRENE	1800						
P/PCB	AROCLOR-1016	.5						
	AROCLOR-1221	.5						
	AROCLOR-1232	.5						
	AROCLOR-1242	.5						
	AROCLOR-1248	.5						
	AROCLOR-1254	.5						
	AROCLOR-1260	.5						
METAL	BARIUM, TOTAL	2000						
	CADMIUM, TOTAL	5						
	CHROMIUM, TOTAL	100						
	LEAD, TOTAL	15	ND					
	NICKEL, TOTAL	100						
	MERCURY, TOTAL	2						
	ARSENIC, TOTAL	50						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

**Table 4-3
Summary of Analytical Results**

		PRA							
		PRA Description							
		Sample Type			Normal Sample				
		Sample Id	PAV-CPW002-65001		PAV-BMW002-60001		PAV-CPW001-60001		
		Depth - ft bgs	0 - 0		0 - 0		0 - 0		
		Collected Date	04/04/01		03/23/01		04/04/01		
		Laboratory	SPL Laboratories, Inc.		CT&E		SPL Laboratories, Inc.		
		Sample Collector	Civil & Environmental Consultants		Civil & Environmental Consultants		Civil & Environmental Consultants		
		Result Units	UG/L		UG/L		UG/L		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	TOLUENE	1000							
BNA	PHENANTHRENE	1800							
P/PCB	AROCLOR-1016	.5							
	AROCLOR-1221	.5							
	AROCLOR-1232	.5							
	AROCLOR-1242	.5							
	AROCLOR-1248	.5							
	AROCLOR-1254	.5							
	AROCLOR-1260	.5							
METAL	BARIUM, TOTAL	2000							
	CADMIUM, TOTAL	5							
	CHROMIUM, TOTAL	100							
	LEAD, TOTAL	15			45.0 J	X	ND		
	NICKEL, TOTAL	100							
	MERCURY, TOTAL	2							
	ARSENIC, TOTAL	50							

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

**Table 4-3
Summary of Analytical Results**

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-CPW002-60001		PAV-MW001-60001		PAV-MW002-60001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	04/04/01		09/10/98		09/10/98	
		Laboratory	SPL Laboratories, Inc.		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultants		Civil & Environmental Consultants		Civil & Environmental Consultants	
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000			ND		ND	
BNA	PHENANTHRENE	1800			ND		ND	
P/PCB	AROCLOR-1016	.5			ND		ND	
	AROCLOR-1221	.5			ND		ND	
	AROCLOR-1232	.5			ND		ND	
	AROCLOR-1242	.5			ND		ND	
	AROCLOR-1248	.5			ND		ND	
	AROCLOR-1254	.5			ND		ND	
	AROCLOR-1260	.5			ND		ND	
METAL	BARIUM, TOTAL	2000			270		ND	
	CADMIUM, TOTAL	5			ND		ND	
	CHROMIUM, TOTAL	100			ND		ND	
	LEAD, TOTAL	15	ND		ND		17.0	X
	NICKEL, TOTAL	100			ND		ND	
	MERCURY, TOTAL	2			ND		ND	
	ARSENIC, TOTAL	50			ND		26.0	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: May 21, 2001

APPENDIX D

SOIL BORING LOGS

**Civil & Environmental Consultants, Inc.**

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB001

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/27/98

INITIAL WATER LEVEL: 8-10 ft. BGS

DATE: 08/27/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.0	42				++	Medium brown clayey silt, soft, moist (FILL)				
				5	++	Black staining to bottom				
5.0	30				++	Dark gray to black staining, very soft, wet				
					++	Saturated, very soft				
3.0	40			10	++					
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.:** 98220**LOG OF** SB002**Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 08/28/98**INITIAL WATER LEVEL:** 7 ft. BGS**DATE:** 08/28/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
4.0	24				++++	Brown clayey gravel and crushed rock, slightly stiff, moist to very moist (FILL)				
2.0	24				++++					
2.0	24			5	++++	Same as above, soft, sticky				
2.0	12				++++	Sewage-like smell, wet				
					++++	Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB003

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/28/98

INITIAL WATER LEVEL: 6 ft. BGS

DATE: 08/28/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
6.8	24			5		Brown clayey silt, crushed rock and assorted debris, loose (FILL) Cinder block				
6.0	20									
3.5	24					Same as above, soft, very moist to wet				
2.5	N/A					Same as above, wet (saturated)				
						Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB004

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/28/98

INITIAL WATER LEVEL: 8 ft. BGS

DATE: 08/28/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.8	24				++++	Brown silty clay, crushed rock, and debris, soft, moist (FILL)				
					++++	Same as above, less debris				
1.5	24				++++	Same as above, very moist to wet				
1.0	24			5	++++	Same as above				
0.5	12				++++					
11.0	24				////	Gray silty CLAY (CL), soft, wet (saturated), sticky				
				10		Boring terminated @ 10				
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB005

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/26/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.0	36				+++++	Brown silt, clay, and crushed rock gravel; (FILL); moist to wet at bottom of interval				
2.0	20			5	+++++	Dark gray to black staining				
1.8	36				////	Dark gray (stained) silty CLAY (CL); very moist to very wet; very soft				
1.8	36			10	////					
				15		Boring terminated at 14' BGS				
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB006

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/26/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
3.0	48				++	Light brown clay and silt with crushed rock (FILL); very stiff, moist					
4.0				5	++						
17.0	48				+	Black silty CLAY (CL); highly stained; soft; very moist					
12.0				10	+	Dark gray silty CLAY (CL); grades to light gray; stiff, very moist to saturated					
5.0	36				+	same as above; saturated					
---	---			15	+	Gray SAND (SP); loose; saturated					
					+	Boring terminated at 16' BGS					
				20							
				25							

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Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB007

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/26/98

INITIAL WATER LEVEL: 6 ft. BGS

DATE: 08/26/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
3.0	36					Brown silty clay and crushed rock, medium loose, moist, stiff from 1 to 3 feet (FILL)					
3.0	42			5		Gray sandy GRAVEL (GP), loose, wet					
						Dark gray clayey SILT (ML), soft, stained					
						Dark gray SAND (SP) and GRAVEL (GP), loose, wet, stained					
N/A	48			10		Dark gray clayey SILT (ML), soft, wet, stiffening w/ depth, stained					
						Boring terminated @ 12 feet					
				15							
				20							
				25							

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Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.:** 98220**LOG OF** SB008**Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 08/26/98**INITIAL WATER LEVEL:** 7.5 ft. BGS**DATE:** 08/26/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.0	44				++++	Brown silty clay and crushed rock, stiff, moist (FILL)				
				5	++++	Black staining				
1.5	24				++++					
					Wet (saturated) Dark gray to black sandy GRAVEL (GP), loose, wet					
3.0	36			10	Dark gray clayey SILT (ML), soft, wet (saturated)					
3.0	48			15	Dark gray medium well-sorted SAND (SP), loose, wet (saturated)					
						Boring terminated @ 16 feet				
				20						
				25						

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Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.:** 98220**LOG OF** SB009**Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 08/27/98**INITIAL WATER LEVEL:** 6 ft. BGS**DATE:** 08/27/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.5	24				+++ +++ +++	Gravel and crushed rock, loose, slightly moist (FILL)				
						Dark gray to black stained CLAY (CL), very soft, very moist to wet				
1.5	20			5						
						Same as above, wet, oily material on inside of liner				
N/A	18									
						Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB010

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/28/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.5	36				+++++	Brown silty clay, crushed rock and gravel, soft, very moist (FILL)					
					+++++	Black to bottom					
1.0	24			5	+++++	Same as above, becoming gray w/ depth					
					+++++	Gray silty CLAY (CL); stiff; very moist					
5.0	24				//////	Same as above, very stiff					
				10	//////	Boring terminated @ 10 feet					
				15							
				20							
				25							

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB011

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/31/98

INITIAL WATER LEVEL: 4 ft. BGS

DATE: 08/31/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
4.8	40				+++++	Brown silty clay, crushed rock and gravel, medium stiff, moist (FILL)				
				5	+++++	Black staining (swampy smell)				
2.0	40				+++++	Same as above, gray, soft, wet (saturated)				
4.2	41			10	+++++	Gray well-sorted silty SAND (SM), soft, wet				
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB012

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/31/98

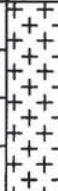

INITIAL WATER LEVEL: 4.5 ft. BGS

DATE: 08/31/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
4.4	40					Brown to orange sand, crushed rock, medium loose, very moist top 8 inches very stiff (FILL)					
4.2	46			5		Same as above Gray stained silty SAND (SP), soft, wet (saturated)					
						Gray to brown well-sorted SAND (SW), soft to loose, wet (saturated)					
						Boring terminated @ 8 feet					
				10							
				15							
				20							
				25							

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JOB NO.: 98220

LOG OF SB013

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/01/98

INITIAL WATER LEVEL: 4 ft. BGS

DATE: 09/01/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.0	42				+++++	Brown silty clay w/ gravel, stiff to very stiff, crushed rock, slightly moist to wet at bottom (FILL)				
				5	+++++	Sand content increases, gravel absent				
2.8	45				+++++	Same as above, wet (saturated)				
					////	Gray stained silty CLAY (CL)				
						Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB014

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED:

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.2	48					GRAVEL (GP)					
						Light brown gray mottled clayey SILT (ML), medium stiff to very stiff, moist					
1.6	24			5							
						Boring terminated @ 6 feet					
				10							
				15							
				20							
				25							

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JOB NO.: 98220

LOG OF SB015

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/03/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.1	24				++++	Dark brown sandy gravel, very loose, moist (FILL)				
						Refusal @ 2 feet. Boring terminated				
				5						
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB016

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/03/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.8	32				++	Dark brown silty clay, crushed rock, moist (FILL)				
						Light brown gray mottled clayey SILT (ML), moist, stiff to very stiff				
14	20			5		Same as above, no visible staining				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB017

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/03/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
2.5	36				++	Dark brown clayey silt w/ gravel, crushed rock (FILL)					
						Brown to gray clayey SILT (ML), moist, stiff to very stiff, gray mottled					
12.1	24			5		Slough Same as above					
						Boring terminated @ 6 feet					
				10							
				15							
				20							
				25							

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JOB NO.: 98220

LOG OF SB022

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/15/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
8.5	36					Brown silty clay w/ crushed rock, wood debris, soft to medium stiff, moist (FILL)				
1.3	24			5		Turns black, gray, olive stained to bottom softening w/ depth				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB023

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
0.8	30					Brown silty sand and gravel, loose, slightly moist (FILL) Gray silty CLAY (CL), medium stiff, moist No recovery				
1.0	36			5		Gray silty CLAY (CL), medium stiff, moist				
						Boring terminated @ 7 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB024

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98




INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
N/A	0					Brown sand and gravel, loose, slightly moist (FILL) No recovery				
N/A	0			5		Same as above				
N/A	18			10		Gray crushed rock layer, loose, slight moisture No recovery				
						Boring terminated @ 11 feet				
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB025

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/01/98


INITIAL WATER LEVEL: 3 ft. BGS

DATE: 09/01/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
4.0	36					Brown clayey silt w/ crushed rock, stiff, slightly moist (FILL) Brown well-sorted SAND (SW), loose, very moist to wet				
				5		Same as above				
N/A	24					Clay plug, stiff, probable perched water table				
N/A	N/A			10						
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB026

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/01/98

INITIAL WATER LEVEL: 8 ft. BGS

DATE: 09/01/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
4.0	42					Brown silty sand w/ crushed rock, stiff, slightly moist (FILL)				
				5		Same as above, moisture increases w/ depth				
3.5	36					Black staining				
						Same as above; wet (saturated)				
4.0	36			10		Staining decreases				
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB027

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/01/98

INITIAL WATER LEVEL: 8.0 ft. BGS

DATE: 09/01/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.2	48					Silty sand w/ crushed rock, very stiff, slightly moist (FILL)				
2.3	34			5		Same as above, moist to wet @ bottom, softening w/ depth				
						Gray stained to bottom of interval, less rock fragments				
3.8	36			10		Gray CLAY (CL), soft to stiff, very moist to wet				
3.3	40			15		Brown to gray mottled CLAY (CL), soft to medium stiff, less gray toward base				
						Boring terminated @ 16 feet				
				20						
				25						

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JOB NO.: 98220

LOG OF SB028

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/02/98


INITIAL WATER LEVEL: 8.0 ft. BGS

DATE: 09/02/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
5.0	48					Brown silt w/ gravel and crushed rock, stiff, slightly moist (FILL) Brown to gray silty CLAY (CL), very stiff, moist Gray stained Gray silty CLAY (CL), very stiff to hard, moist Brown to base of interval Gray to rust mottled CLAY (CL), soft to medium stiff, moist to wet				
13.0	48			5						
11.0	48			10						
				15		Boring terminated @ 12 feet				
				20						
				25						

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JOB NO.: 98220

LOG OF SB029

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/02/98

INITIAL WATER LEVEL: 4.0 ft. BGS

DATE: 09/02/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.0	36				++++	Brown to gray sandy silt w/ crushed rock, stiff, slightly moist (FILL)				
					++++	Gray to green to black silty CLAY (CL), stiff, slightly moist				
4.0	48			5		Gray to rust clayey SILT (ML), stiff, wet (saturated)				
						Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB038

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/08/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.8	48					Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)				
				5		Boring terminated @ 4 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB039

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/09/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.2	42					Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)				
				5		Refusal @ 4 feet. Boring terminated				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB040

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/09/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.2	48					Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)					
				5		Boring terminated @ 4 feet					
				10							
				15							
				20							
				25							

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JOB NO.: 98220

LOG OF SB041

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/08/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.8	48					Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)				
				5		Boring terminated @ 4 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB042

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/08/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.8	48					Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)				
				5		Boring terminated @ 4 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB043

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/08/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.5	48					Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)				
				5		Boring terminated @ 4 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB044

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/08/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
0.5	48					Brown clayey silt w/ crushed rock, soft to medium stiff, slightly moist to moist (FILL)					
0.4	24			5							
						Boring terminated @ 6 feet					
				10							
				15							
				20							
				25							

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JOB NO.: 98220

LOG OF SB045

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/04/98

INITIAL WATER LEVEL: 6 ft. BGS

DATE: 09/04/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.0	40					Brown silty clay w/ crushed rock, stiff, moist (FILL)				
1.0	N/A			5						
6.0						Gray silty SAND (SP), medium dense, wet (saturated)				
3.0	N/A			10		Gray to brown clayey SILT (ML), very stiff, moist				
1.5										
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB046

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/08/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A





DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.0	46				+++++	Brown clayey silt w/ crushed rock and gravel, very stiff, slightly moist (FILL)				
2.5	46			5	+++++	Brown clayey silt, pea gravel, soft, very moist to wet (FILL) Brown clayey silt w/ crushed rock and gravel, very stiff, slightly moist (FILL)				
2.3	47			10	+++++	Same as above, turns dark brown				
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.:** 98220**LOG OF** SB047**Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/09/98**INITIAL WATER LEVEL:** N/A**DATE:****DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.0	44					Light brown silty clay w/ crushed rock, stiff, slightly moist (FILL)				
						Gray medium SAND (SP), soft, very moist				
1.0	48			5		Finer grained sand				
						Brown silty CLAY (CL), stiff to very stiff, moist				
0.8	48			10		Gray firm CLAY (CL), moist				
						Boring terminated @ 12 feet				
				15						
				20						
				25						

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**Columbia Gas Transmission
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JOB NO.: 98220

LOG OF SB048

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/09/98

INITIAL WATER LEVEL: 4.5 ft. BGS

DATE: 09/09/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.2	48					Light brown silty clay w/ crushed rock, medium stiff to loose, slightly moist (FILL)				
5.2	44			5		Gray medium SAND (SP), soft, very moist to wet (saturated)				
						Gray to brown clayey SILT (ML), stiff, very moist				
						Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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JOB NO.: 98220

LOG OF SB049

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/09/98


INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A


DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.6	48					Asphalt Crushed rock Brown clayey silt w/ crushed rock, stiff, slightly moist (FILL) Sandy interval (FILL)				
N/A	N/A			5		Same as above, very stiff				
				10		Boring terminated @ 8 feet				
				15						
				20						
				25						

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Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.:** 98220**LOG OF** SB050**Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/09/98**INITIAL WATER LEVEL:** 2.5 ft. BGS**DATE:** 09/09/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
5.2	44			5		Asphalt				
						Brown sandy silt, medium stiff, moist (FILL)				
1.6						Wet zone				
1.0	24					Same as above, wet (saturated)				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB051

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/09/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
6.0	36			5		Brown clayey silt w/ crushed rock, loose, slightly moist (FILL)				
N/A						Brown coarse sandy GRAVEL (GP), loose, slightly moist				
3.0	24					Gray silty CLAY (CL), stiff, moist, odor				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB052

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
5.2	30					Brown silty loam, loose, slightly moist (FILL) Black to brown, rust stained, angular grained sand, very coarse (FILL)				
5.5	24			5		Gray crushed rock (FILL) Brown silty clay w/ crushed rock, loose to medium stiff, slightly moist, rust stained (FILL)				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.: 98220****LOG OF SB053****Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/14/98**INITIAL WATER LEVEL:** N/A**DATE:****DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.0	36					Brown sand and gravel, very loose, slightly moist (FILL)				
						Brown clayey silt, medium stiff, moist (FILL)				
						Black sandy gravel, very loose (FILL)				
2.0	24			5		Gray to brown clayey SILT (ML), soft, very moist				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB054

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: 4.0 ft. BGS

DATE: 09/14/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A




DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
3.8	46					Brown silty clay loam w/ some crushed rock, loose, slightly moist (FILL)					
						Brown silty CLAY (CL), very stiff, moist					
3.0	24			5		Brown sandy GRAVEL (GP), loose, very moist to wet					
						Boring terminated @ 6 feet					
				10							
				15							
				20							
				25							

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.: 98220****LOG OF SB055****Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/14/98**INITIAL WATER LEVEL:** 3.5 ft. BGS**DATE:** 09/14/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.2	48					Brown clayey SILT (ML), medium stiff to stiffening w/ depth, slightly moist				
2.5	24			5		Brown medium well-sorted SAND (SW), very loose, wet (saturated)				
						Gray CLAY (CL), very stiff, moist				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
4.5	36					Black sandy gravel w/ rust stains, very loose, slightly moist (FILL) Brown sandy silt w/ crushed rock (FILL)				
3.0	24			5						
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						



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**Columbia Gas Transmission
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JOB NO.: 98220

LOG OF SB057

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.0	48									
1.8	36			5		Light brown silty CLAY (CL) w/ gray and rust mottling, stiff, moist				
						Boring terminated @ 7 feet				
				10						
				15						
				20						
				25						



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**Columbia Gas Transmission
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JOB NO.: 98220

LOG OF SB059

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.5	48					Light brown clayey SILT (ML), stiff, slightly moist				
						Less stiff (loose)				
N/A	N/A			5						
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB060

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: 4.0 ft. BGS

DATE: 09/14/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.5	48					Brown silty clay loam w/ some crushed rock, loose, slightly moist (FILL)				
						Brown silty CLAY (CL), very stiff, moist				
N/A	24			5		Brown sandy GRAVEL (GP), loose, very moist to wet				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB061

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/14/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.2	36				+++++	Brown, loose, slightly moist (FILL)				
1.2	40			5	+++++					
				10		Boring terminated @ 8 feet				
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SB062

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/27/98

INITIAL WATER LEVEL: 3 ft. BGS

DATE: 08/27/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A



DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.0	40				+++++	Brown silty clay w/ crushed rock, loose, slightly moist (FILL)				
				5		Gray area, wet, clayey SILT (ML) Same as above				
5.0	24									
				10		Black stained Light to dark 1-2 mm lamination Very soft, wet (saturated)				
8.0	36									
				15		No recovery, liner covered w/ oily product				
N/A	N/A									
						Boring terminated @ 16 feet				
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.: 98220****LOG OF SU001****Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 08/26/98**INITIAL WATER LEVEL:** 4.0 ft. BGS**DATE:** 08/26/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.0	36					Dark brown top soil w/ grass roots, soft, wet Brown sandy gravel, loose, wet (FILL) Brown silty clay w/ gravel or crushed rock fragments, soft (FILL) Gray crushed rock, loose, moist (FILL) No recovery				
N/A	9			5		Brown sandy SILT (ML), soft, wet				
						Boring terminated @ 8 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU002

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 08/26/98



INITIAL WATER LEVEL: 4.0 ft. BGS

DATE: 08/26/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.0	24					Dark brown top soil w/ grass roots, medium soft, very moist to wet Brown silty clay, rust stains, below 6 inches gray, very moist to wet in gray area (FILL) No recovery				
7.0	18			5		Dark brown to gray sandy gravel, loose, wet (FILL) No recovery				
						Boring terminated @ 6 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.: 98220****LOG OF SU003****Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/02/98**INITIAL WATER LEVEL:** 5.0 ft. BGS**DATE:** 09/02/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
2.0	28					Dark brown sand, crushed rock, moist to wet at bottom of interval (FILL)				
2.0	44			5		Brown silty SAND (SM), stiff, wet (saturated)				
				10		Boring terminated @ 8 feet				
				15						
				20						
				25						



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**Columbia Gas Transmission
Pavonia Compressor Station**

Weller Township, Richland County, Ohio

JOB NO.: 98220

LOG OF SU005

Sheet 1 of 1

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/04/98



INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
1.2	40					Light brown clayey SILT (ML), stiff to very stiff, moist, crushed rock (FILL)				
7.0	12			5		Brown silty CLAY (CL) w/ gravel, soft, very moist				
						Boring terminated @ 7.5 feet				
				10						
				15						
				20						
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU006

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/10/98

INITIAL WATER LEVEL: 10.0 ft. BGS

DATE: 09/10/98

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.2	30				+	Dark brown clayey silt, medium stiff, moist, crushed rock (FILL)					
1.4	48			5	+						
1.5	40			10	+	Brown coarse sand and GRAVEL (GP), loose, very moist to wet, channel deposit					
						Boring terminated @ 12 feet					
				15							
				20							
				25							

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU007

Weller Township, Richland County, Ohio

Sheet 1 of 1

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/10/98

INITIAL WATER LEVEL: N/A

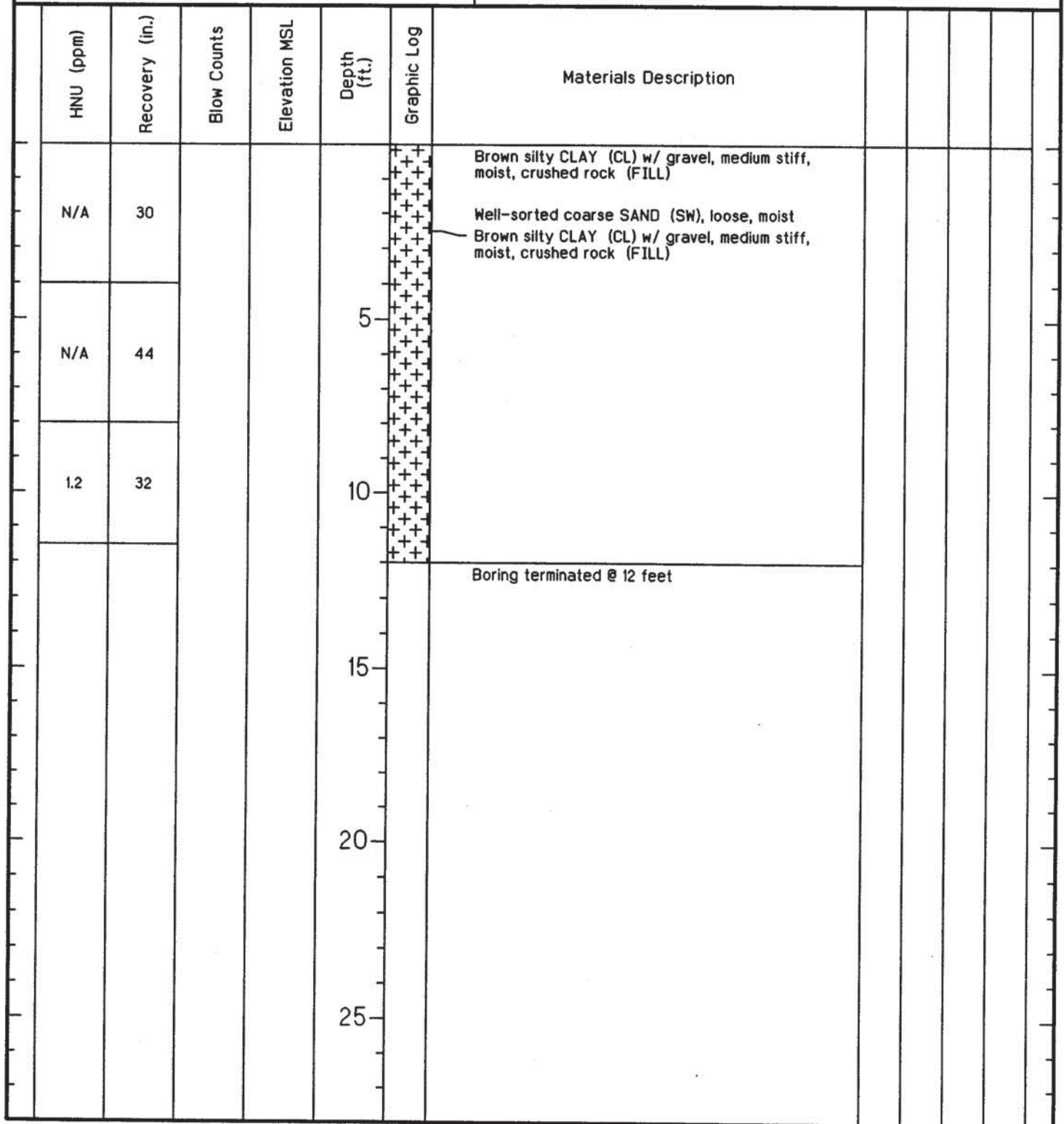
DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
N/A	30					Brown silty CLAY (CL), medium stiff, moist, crushed rock (FILL)				
N/A	40			5						
1.2	30			10		Brown well-sorted pea GRAVEL (GW), very loose, slightly moist, bottom of excavation				
						Refusal @ 11.5 feet. Boring terminated				
				15						
				20						
				25						



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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.: 98220****LOG OF SU009****Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/10/98**INITIAL WATER LEVEL:** 13.5 ft. BGS**DATE:** 09/10/98**DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
				5		Brown clayey silt, medium stiff, moist, crushed rock (FILL)				
				10		Dark brown clayey silt, crushed rock, root zone, possible buried A horizon (FILL)				
						Brown clayey silt, very moist, crushed rock (FILL)				
				15		Brown SAND (SP), soft, wet (compacted)				
						Brown to gray sandy GRAVEL (GP), soft, wet (saturated), channel deposit				
				20		Boring terminated @ 20 feet				
				25						

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.: 98220****LOG OF SU010****Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/10/98**INITIAL WATER LEVEL:** N/A**DATE:****DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.6	48					Brown clayey SILT (ML), stiff, slightly moist, crushed rock (FILL)					
1.8	48			5		Brown silty CLAY (CL), stiff, moist					
1.8	30			10		Brown unsorted sandy GRAVEL (GP), loose, moist, subrounded cobbles, channel material					
						Boring terminated @ 12 feet					
				15							
				20							
				25							

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(513) 985-0228 • (800) 759-5814 (412) 921-3402 • (800) 365-2324

**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU011

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/10/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
N/A						Brown clayey SILT (ML), medium stiff, moist, crushed rock (FILL)					
1.6				5							
2.0				10		Brown sandy GRAVEL (GP), loose, moist					
						Brown SAND (SP), loose, very moist					
						Boring terminated @ 12 feet					
				15							
				20							
				25							

**Civil & Environmental Consultants, Inc.**

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**Columbia Gas Transmission
Pavonia Compressor Station****Weller Township, Richland County, Ohio****JOB NO.:** 98220**LOG OF** SU013**Sheet 1 of 1****LOGGED BY:** (b) (4)**GROUND SURFACE ELEVATION:** N/A**DRILLER:** Subsurface, Inc.**TOP OF CASING ELEVATION:** N/A**DATE DRILLED:** 09/11/98**INITIAL WATER LEVEL:** N/A**DATE:****DRILL METHOD:** Geoprobe**STATIC WATER LEVEL:** N/A**DATE:**

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
2.0	48					Brown to gray silty CLAY (CL), loose, slightly moist, crushed rock (FILL)					
						Loose, crushed rock (concrete)					
1.8	24			5		Brown to gray silty CLAY (CL), loose, slightly moist, crushed rock (FILL)					
						Refusal @ 7 feet. Boring terminated					
				10							
				15							
				20							
				25							

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU014

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/11/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
	38					Crushed rock (FILL)					
	6			5		Refusal @ 5 feet. Boring terminated					
				10							
				15							
				20							
				25							

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU015

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/11/98


INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
	48					Crushed gray limestone rock w/ clayey silt matrix, loose, moist (FILL)					
	24			5		Brown clayey SILT (ML) w/ subangular pebbles (1-5 mm), medium stiff, moist					
						Same as above w/ angular rock fragments (possible cement aggregate) No recovery					
				10		Refusal @ 8 feet. Boring terminated					
				15							
				20							
				25							

**Civil & Environmental Consultants, Inc.**

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Pittsburgh, PA

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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU016

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/11/98

INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.2	24					Brown crushed rock, brick, and clayey silt, soft, moist (FILL) Crushed brick and concrete (off-white to gray) (FILL) Brown crushed rock, brick, and clayey silt, soft, moist (FILL)					
N/A	44			5		Brown clayey SILT (ML) w/ subangular cobbles (1-5 mm), stiff, moist					
N/A	44			10		Same as above					
N/A	44			15		Same as above					
						Boring terminated @ 16 feet					
				20							
				25							

**Civil & Environmental Consultants, Inc.**

Cincinnati, OH Pittsburgh, PA
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**Columbia Gas Transmission
Pavonia Compressor Station**

JOB NO.: 98220

LOG OF SU017

Sheet 1 of 1

Weller Township, Richland County, Ohio

LOGGED BY: (b) (4)

GROUND SURFACE ELEVATION: N/A

DRILLER: Subsurface, Inc.

TOP OF CASING ELEVATION: N/A

DATE DRILLED: 09/04/98





INITIAL WATER LEVEL: N/A

DATE:

DRILL METHOD: Geoprobe

STATIC WATER LEVEL: N/A

DATE:

HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
N/A	12					Gravel cover					
						Brown SAND (SP) and GRAVEL (GP), very loose, moist to wet (FILL)					
1.5	30			5		Brown silty CLAY, stiff, moist, gray mottling					
						Boring terminated @ 8 feet					
				10							
				15							
				20							
				25							

APPENDIX H

SITE BACKGROUND METALS CALCULATIONS

**COLUMBIA GAS TRANSMISSION COMPANY
PAVONIA COMPRESSOR STATION
WELLER TOWNSHIP, RICHLAND COUNTY, OHIO**

BACKGROUND METALS CALCULATIONS

Metals were detected in background samples as follows (results in mg/kg):

Sample No.	Depth (ft. bgs)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Lead	Nickel	BBF ²	BKF ³
SBO52	0-1	22.4	130	1.9	0.55 ¹	76.4	108	18.2	0.48	0.47
	2-6	23.1	39.8	0.55 ¹	0.55 ¹	19.3	30.1	22.7	0.185 ¹	0.185 ¹
SB053	0-1	6.4	238	3.6	0.6 ¹	44.4	12.55 ¹	24.5	0.215 ¹	0.215 ¹
	2-6	17.5	66.7	0.55 ¹	0.55 ¹	11.0	39.4	22.9	0.2 ¹	0.2 ¹
SB054	0-1	13.8	133	0.55 ¹	0.55 ¹	14.6	11.3 ¹	22.8	0.195 ¹	0.195 ¹
	2-6	27.7	58.6	1.2	0.5 ¹	18.5	25.9	50.4	0.2 ¹	0.2 ¹
SB055	2-6	12.2	78.8	0.5 ¹	0.5 ¹	18.9	27.6	42.5	0.2 ¹	0.2 ¹
SB061	0-1	12.1 J-	49.0	0.55 ¹	0.55 ¹	16.9	11.3 ¹	36.4 J-	--	--
	2-6	24.7 J-	40.1	0.55 ¹	1.3	10.4	10.7 ¹	26.4 J-	--	--
Average		17.76	92.7	1.1	0.6	25.6	30.1	29.6	0.24	0.24
Average x 2		35.5	185.4	2.2	1.2	51.2	60.2	59.3	0.48	0.48
Maximum Detected Background Concentration		24.7	238	3.6	1.3	76.4	108	50.4	0.48	0.47
Calculated Background Concentration		35.5	238	3.6	1.3	76.4	108	59.3	0.48	0.48

Notes:

1. Metal non-detect, value is ½ detection limit.
2. Benzo(b)fluoranthene
3. Benzo(k)fluoranthene

Reference: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin No. 2, Supplemental Guidance to RAGS." Office of Technical Services, U.S. EPA Region IV, October, 1996.